



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
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Jr. College Index No. J 22.04.002

Criterion-V: Student Support and Progression

Key Indicator 5.1 Student Support

5.1.2 Following capacity development and skills enhancement activities are organized for improving students' capability.


- 1. Soft Skills**
- 2. Language and Communication Skills**
- 3. Life Skills (Yoga, Physical Fitness and Hygiene)**
- 4. ICT/Computing Skills**

ACADEMIC YEAR 2022-23

LIFE SKILLS (YOGA, PHYSICAL FITNESS AND HYGIENE)

Sr. No.	Name of the capacity development and skills enhancement program	Period/ Date	Number of students enrolled	Organizing Department	Page Number
1.	Guest Lecture on Changing Lifestyle and Health Affluence	29/8/2022	146	Physical Education	2-9
2.	Rangoli, Mehendi, Hair Dressing Competition	12/9/2022 to 14/09/2022	32	Commerce	10-12
3.	Guest Lecture on I Want to Be Entrepreneur	12/10/2022	103	Commerce	13-24
4.	Career Oriented Course in Soil & Water Analysis	17/10/2022 to 7/2/2023	81	Chemistry	25-66
5.	Career Oriented Course in Identification & Uses of Medicinal Plants	10/1/2023 to 10/4/2023	37	Botany	67-137




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



**Report of
National Sports Day
Celebration**

**On
29th August, 2022 at 09.30 a.m.**

**Of
Padmabhushan Vasantodada Patil Mahavidyalaya,
Kavathe Mahankal, Dist. Sangli**

Shikshan Prasarak sansth's

Padmabhushan Vasantodada Patil Mahavidyalaya

Kavathe Mahankal, Dist. Sangli

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

“National Sports Day”



On
29th August, 2022 at 09.30 a.m.

Chief Guest:

Prof. Jahangir Tamboli

(Director of Physical Education)

Prof. Pradip Chavan

(Director of Physical Education)

Chairperson:

Prof. (Dr.) M.K.Patil

(Principal P.V.P. Mahavidyalaya)

Venue:

P.V.P. Mahavidyalaya, Kavathe Mahankal.





Date: 30/08/2022


‘Shikshan Prasarak Sanstha’s
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal
DEPARTMENT OF PHYSICAL EDUCATION & SPORT

Report of the Activity

Title	Guest Lecture
Day & Date	Monday, 29 August 2022
Organizer	Department of Physical Education and Sports
Funding	-
Chief Guest	<ul style="list-style-type: none">• Prof. Jahangir Tamboli. Vice-chairman, Handball Association of Maharashtra• Prof. Pradip Chavan. Vice-Chairman, Sangli District Handball Association• Mr. Shivaji Kare. API Kavathe-Mahankal Police Station
Chairperson	Prof. (Dr.) M. K. Patil Principal, Padmabhushan Vasantrodada Patil Mahavidyalaya, KavatheMahankal
Background	On 29 th August of every year India celebrates Birth Anniversary of Major Dhyanchand Singh as National Sports day to honour the contribution of Major Dhyanchand in Indian Sport. In addition, it became important to aware young generation to have healthy life.
Objective	<ul style="list-style-type: none">• To enable the student participation in college as well as Departmental activities.• To acknowledge the healthy food habits and importance of health.• To acknowledge the Changing & risk bearing lifestyle of 21st century’s young generation.
Conclusion	<ul style="list-style-type: none">• Students acknowledged the pros and cons of ‘Changing Lifestyle and Health Affluence’• Students realized the importance of health and healthy food habits.• In addition, Students enthusiastically participated in the activity.


Dr. M. M. Shinde
Director
(Department Of Sport)


Mr. A. P. Bhosale
Head
(Department Phy.Edu.)


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



Date: 30/08/2022

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

DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

Report of the Activity

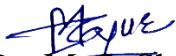
Department of Physical Education and Sports organised the Guest Lecture on Monday, 29 August 2022 on the occasion of National Sports Day & Birth Anniversary of Major Dhyanchand Singh. This programme was organized under the chair of **Prof. (Dr.) M. K. Patil**, Principal, Pambhushan Vasantodada Patil Mahavidyalaya, Kavathe-Mahankal. Respecting the request of Department of Physical Education and Sports of college **Prof. Jahangir Tamboli**, Vice-chairman, Handball Association of Maharashtra, **Prof. Pradip Chavan**, Vice-Chairman, Sangli District Handball Association and **Mr. Shivaji Kare**, API Kavathe-Mahankal Police Station were present as Chief Guest for the Programme.

The program inaugurated by paying tribute to Major Dhyanchand Singh and homage to tehsil's senior international player Mr. Shivajirao Gavade. Mr. Arun Bhosale, Head, Department of Physical Education welcomed and introduced chief guests. Mr. A. P. Bhosale also introduced the outline and background of the programme. Chief Guest Prof. Jahangir Tamboli delivered speech on the topic 'Changing Lifestyle of younger generation and need of daily exercise'. In addition, he appreciated the enthusiastic campus atmosphere. Chief guest Prof. Pradip Chavan guided on daily food habits and importance of health in fast-track life style. Mr. Shivaji Kare shared his experiences as sportsperson and importance of healthy food habits.

Chairperson Prof. (Dr.) M. K. Patil, highlighted the importance of daily exercise as well as food habits and praised the unique and important topic selection

for the guest lecture. Mr. Macchindra Mane presented the vote of thanks on the behalf of the Department of Physical Education and Sports.

The objectives of this guest lecture were to enable the student participation in college as well as Departmental activities, to acknowledge the healthy food habits and importance of health, to acknowledge the Changing & risk bearing lifestyle of 21st century's young generation. In conclusion it can be said that, Students acknowledged the pros and cons of 'Changing Lifestyle and Health Affluence', students realized the importance of health and healthy food habits, In addition, students enthusiastically participated in the activity.



Dr. M. S. Shinde

Director

(Department Of Sport)



Mr. A. P. Bhosale

Head

(Department Phy.Edu.)



Prof. (Dr.) M. K. Patil
Principal
Mahavidyalaya, Sangli

शिक्षण प्रसारक संस्थेचे
पद्मभूषण वसंतरावदादा पाटील महाविद्यालय, कवठेमहांकाळ

शारीरिक शिक्षण व क्रीडा विभाग

राष्ट्रीय क्रीडा दिनानिमित्त
“बदलती जीवनशैली व आरोग्य संपन्नता”

* प्रमुख मार्गदर्शक *

प्रा. जहांगीर तांबोळी
माजी शारीरिक शिक्षण संचालक

प्रा. प्रदीप चव्हाण
माजी शारीरिक शिक्षण संचालक

मा. शिवाजी करे
API कवठेमहांकाळ

कै.मेजर ध्यानचंद सिंग

* संयोजक *

प्रा. अरुण भोसले
शा.शि. विभाग प्रमुख

डॉ. मयूर शिंदे
शारीरिक शिक्षण संचालक

* अध्यक्ष *

डॉ. एम.के.पाटील
प्रभारी प्राचार्य

सोमवार दिनांक २९ ऑगस्ट २०२२ रोजी सकाळी १०.०० वाजता
स्थळ :- आनंद भवन पद्मभूषण वसंतरावदादा पाटील महाविद्यालय, कवठेमहांकाळ

Activity Photograph



- The chief guest **Prof. Jahangir Tamboli.** was felicitated by Acting Principal Prof.(Dr.) M.K.Patil and Mr. Arun Bhosale






**Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe-Mahanikal,
IQAC & Department of Arts, Commerce and Science
Rangoli Competition -2023
Activity Report**



Title	Rangoli Competition, Mehendi Competition, Hair dressing competition.
Day & Date	12/09/2022, 13/09/2022, 14/09/2022 11.00 a.m Onwards
Organizer	IQAC & Department of Arts, Commerce and Science
Chairperson	Mrs. Shinde. S.U
Chief-Guest	Dr.Dilip Gade
Coordinator	Dr.B.H.Mohite, Mr. S.M.Shinde, Mr. A.M.Mane
No. of Students Participated	14 students Mehendi, 11 students Rangoli , 7students Hair dressing
Background	Departmental program play a crucial role in enabling students to find their talent which can later lead to an entrepreneurial experience. As an Art has always held a special place in human culture, serving as a powerful means of expression and communication. Recognizing the importance of art in our community, our college took the initiative to organize a Mehendi, Rangoli, Hair dressing, competition on 14/09/23. The competition aimed to provide a platform for artists of all ages and skill levels to showcase their artistic talents, inspire creativity, and foster a sense of community engagement. One of the core goals was to encourage participants to unleash their creativity and imagination. Participants were given a specific theme to base their artwork on, allowing for a diverse range of interpretations and styles.
Objective	<ul style="list-style-type: none"> To encourage all students to identify their area of interest such as Mehendi designing, Rangoli designing or creation, Hair dressing. To inspire students to learn and create rangoli or Mehendi based on themes given which in turn will create their value in society To motivate all Students to be creative, disseminate the information to the society through their art work.
Conclusion	<p>The winners of Rangoli, Mehendi, Hair dressing competition were selected based on a combination of factors, including adherence to guidelines, creativity, technical expertise, and overall performance. All participants, judges, volunteers, and attendees made this event a memorable one. Our panel of judges, consisting of 3 experienced art educators, carefully evaluated each rangoli based on predetermined criteria such as creativity, technique, and adherence to the theme. We hope to continue promoting art and creativity within our community and beyond.</p> <p>The meeting concluded with Vote of thanks by Mr.A.M.Mane, Program Introduction done by Dr. B.H.Mohite, Addressing Student by chief guest Dr.Dilip Gade and by chairperson, Mrs. Shinde. S.U, Anchoring by Dr,S.L.Andelwar, activity Coordinator member Mrs. Shinde. S.U, Mrs.V.S.Thorne, Judges of the event were Dr,Dilip Gade, Mrs.S.U.Shinde</p>


Dr. B.H.Mohite
Head

Department of Commerce
Padmabhushan Vasantodada Patil
Mahavidyalaya, Kavathe Mahanikal, Dist: Sangli


Prof.(D.r.) M.K.Patil
Acting Principal
Acting Principal
Padmabhushan Vasantodada Patil
Mahavidyalaya, Kavathe Mahanikal, Dist: Sangli

Shikshan Prasarak Sanstha's

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe-Mahankal,

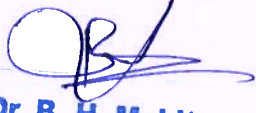
IQAC & Department of (Arts, Commerce and Science)

Skill Competition -2022-23

Student Activity - Program Schedule



Day , Date, Time	Monday, Tuesday, Wednesday 12/09/2022, 13/09/2022, 14/09/2022 11.00 a.m Onwards
President	Prof.(Dr.) M.K.Patil
Chief Guest	Mrs. Shinde. S.U
Chair person	Dr.Dilip Gade
Organizing Member	Dr. B.H.Mohite
Coordinator	Mrs.A.M.Kandekar
Other Members	Mr. S.M.Shinde, Mr. A.M.Mane
Introduction	Dr. B.H.Mohite
Anchoring	Mr. S.M.Shinde
Vote of Thanks	Mr.A.M.Mane
Venue	Anand Bhavan


Dr. B. H. Mohite
Head
Department of Commerce
Padmabhushan Vasantodada Patil
Mahavidyalaya, Kavathe Mahankal, Dist: Sangli



From,
Dr.B.H.Mohite
Head of Department of Commerce
P. V. P. College, Kavathe Mahankal,
Dist. Sangli, Maharashtra 416405
Date: 07 /10/2022

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

Subject: Seeking a permission to conduct Guest Lecture on **I want to be Entrepreneur**

Respected sir,

Department of Commerce for our college wishes to conduct Guest lecture on **I want to be Entrepreneur** as on Wednesday, 12/10/2022. This activity will be very beneficiary for students to gain knowledge with regard to Start ups in which the students are interested in.

I request you to give permission for the Guest Lecture on **I want to be Entrepreneur**.

Thanking you.

Yours faithfully,



Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

DEPARTMENT OF COMMERCE

Date: 10-10-2022

NOTICE

All the B.Com students of P. V. P. college, Kavathe Mahankal are hereby informed that, Department of commerce is going to conduct a Guest lecture **I want to be Entrepreneur** on Wednesday, 12/10/2022, All B.Com students are informed to attend Guest Lecture on **I want to be Entrepreneur** from 09.30 a.m Onwards at Anand bhavan.

Date, Day- 12/10/22, Wednesday

Time: 09.30 am onwards

Venue: Anand Bhavan

Dr.B.H.Mohite
coordinator

Prof.(D.r.)M.K.Patil
Acting Principal
Acting Principal
Padmabhushan Vasantrodada Patil
Mahavidyalaya, K.Mahankal Dist-Sangli



Shikshan Prasarak Sanstha's

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe-Mahankal,

Department Of Commerce

I want to be Entrepreneur

Program Schedule

Day , Date, Time	Wednesday, 12/10/2022, 09.30 a.m Onwards
President	Prof.(Dr.) M.K.Patil
Chief Guest	Mr. Mahendra Maske, Nilaya Foundation
Organizing Member	Dr. B.H.Mohite
Coordinator	Mr.A.M.Mane
Other Members	Mr. S.M.Shinde, Mr. A.M.Mane
Introduction	Dr. B.H.Mohite
Anchoring	Mr. S.M.Shinde,
Vote of Thanks	Mrs.A.M.Kandekar
Venue	Anand Bhavan



Co-ordinator

Shikshan Prasarak Sanstha's
Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe-Mahankal
Department of Commerce
Entrepreneur Development Cell & IQAC
I want to be Entrepreneur -2022
Activity Report



Title	I want to be Entrepreneur
Day & Date	Wednesday, 12/10/2022
Organizer	IQAC & Department of Commerce
Chairperson	Dr.B.H.Mohite
Chief-Guest	Mr. Mahendra Maske, Nilaya Foundation
Coordinator	Mrs.A.M.kandekar, Mr.A.M.Mane, Mr.R.N.Vasave, Mr.S.M.Shinde
No. of Students Present	124 students
Background	Departmental program play a crucial role in enabling students to provide guidance, advice, and insights based on their own entrepreneurial experiences. The process of improving and cultivating the skills, knowledge, mindsets, and resources necessary to start, lead, and grow a successful business or venture. This includes a combination of training, education, mentoring, networking and access to resources that enable individuals to turn innovative ideas into viable and sustainable businesses. The ultimate goal of fostering entrepreneurship is to create an environment that fosters innovation, risk-taking and economic growth. The goal is to create a welcoming, conducive, knowledge gaining with regard to job or type of business the students are interested in.
Objective	<ul style="list-style-type: none"> To Motivate all students to explore their areas of interest. B. Occupation or company. To encourage students to learn about various programs for Indian startups that creates value for society. To Select an idea of startup and disseminate information to society in order to increase the career aspirations of all students.
Conclusion	<p>The Entrepreneurship Development Cell, in collaboration with the Nilaya Foundation has, organized a guest lecture on I want to be Entrepreneur to encourage all students and increase their awareness of the profession and business. The main purpose of this program was to provide a common platform for all students to identify their areas of interest, encourage doing business in the future. If students decide to pursue a career in business, find out what business areas they prefer, what government programmes are available for that type of firm, and so on. This practice encourages students not only to identify their areas of interest, but also to work on their own projects. Independent study instills hope for the future. As a result, this activity promotes pupils' overall growth EDC makes a substantial contribution to human growth, economic development, and innovation.</p> <p>The meeting concluded with Vote of thanks by Mrs.A.M.kandekar, Program Introduction done by Dr.B.H.Mohite, Addressing Student by chief guest Mr. Mahendra Maske activity Coordinator member Mr.S.M.shinde, Mr.A.M.Mane.</p>


Dr.B.H.Mohite
Co-ordinator


Prof.(D.r.) M.K.Patil
Acting Principal
Acting Principal
Padmabhushan Vasantraodada Patil
Mahavidyalaya, Kavathe-Mahankal, Dist. Sangli

I WANT TO BE ENTREPRENEUR
Attendance sheet

12/10/22

S.No

Name of the student

Sign

- 1) Bhagyashri Santosh Khadake. Bhadake
- 2) Shraaddha Virabhadra Koshti Skoshi
- 3) Shauti Santosh Ingole Ingole
- 4) Sonali Bharat Deshmukh Sonali
- 5) Monika Vasant Isale Isale
- 6) Priyanka Machindra Dodmise P.M.D
- 7) Kajal Mohan Kadari Kadari
- 8) Swapnali Ganraj Kadari Swapnali
- 9) Paryanka Ashok Patil Patil
- 10) Gayatri Ganesh Pawam Pawam
- 11) Pragati Ramesh Patil Patil
- 12] APARNA GANPAT JAGATAP Jagatap
- 13] Ankita vikas Dhoble Dhoble
- 14) Pramila Suresh kore P.S.kore
- 15) Pratiksha Sambhaji Patil Pratiksha
- 16) Sarika Sambhaji Patole Patole
- 17) Shweta Santosh khadake Shadake
- 18) Pratiksha Jalindar Kore P.D.Kore
- 19) Shwetal Shankar Patil Patil
- 20) Renuka Ramchandra chigare Rhigare
- 21) Pallavi Parsharam yadav Pallavi
- 22) Swapnil samrat Phavade Phavade
- 23) Nagesh Jitendra mane Mane
- 24) Sandurang Ramchandra Jagtap Jagtap
- 25) Rohit Rajendra kasale Kasale
- 26) Ajit Suresh Gagahmore Ajit
- 27) Karan suresh kashid K.S.Kashid
- 28] Nitthal Gopinath Jodhav Jodhav

29) Samadhan Jayasree Jangar.

30) Kadan Anil Dhote

31) Peavin Popat Jagtap

32) Saathak Shivaji Kadam

33) Vitthal Shivaji Kadam.

34) Prathamesh Chandrakant Yadav

35) Moyur Mahendra Dhere

36) Ajit Hanamant Khot

37) Jangar.

~~HAJ~~

~~Jagtap~~

~~Kadam~~

V.S. Kadam.

P.C. Yadav

~~HAJ~~

~~HAJ~~

1] Pradhamesh Dipak Patil	Pradh.
2] Kartik Sanjay Jadhav	Kartik
3] Seema Sahebrao Kambale	Seema
4] Monika Anil Borade	Monika
5] Ekta Suresh Mokashi	Ekta
6] sneha bharat kambale	sneha
7] Dhanashri Shahaji Bhandare	D.S.
8] Anuja Peabhakar Satpate.	Anuja
9] Manali Pandurang Zambare	Manali
10] Priti Chandrakant Kambale	Priti
11] Manisha Madhukar Kawase	Manisha
12] Kalyani Dadasaheb Jagtap	Kalyani
13] Aparna Babhakar Atpadkar	Aparna
14] Ishwari Shahajirao Patil	Ishwari
15] Madhura Mansing Patil.	Madhura
16] Sanda Nalsab Mulani	Sanda
17] Prajakta Keshav Shinde	Pra.
18] Aechana Santosh Khadake	Aechana
19] Rutuja Ramesh Pawar	Rutuja
20] Sanika Sanjay Shinde	Sanika
21] Karuna Dipak Phakade	Karuna
22] Nikita Laxman More.	Nikita
23] Saloni Mahadev Chandanshive	Saloni
24] Arpita Sunil Jadhav	Arpita
25. Chaitanya Uttam Patil.	Chaitanya
26 Thiveni Mukesh Latthe	Thiveni
27] Nikita Vinod Pisal	Nikita
28] Ashwini Balu Korekar	Ashwini
29] Anuja Pandit Deshmukh	Anuja
30] Akshada Dattatray Desai	Akshada
31] Anzati Anandrao Chauhan	Anzati
32] Kajal Rajaram Mali	Kajal
33] Shreya Santosh Jadhav.	Shreya

- 34] chetana Vijay Jadhav
- ~~35] Kalyani Dadasaheb Jagtap~~
- ~~36] Manisha madhukar Katarwade~~

C.V. Jadhav

~~34]~~
~~35]~~

I want to be Entrepreneur

12/10/22

S.No	Name of students	Sign
1)	Karuna Dipak Phakade	<u>Phakade</u>
2)	Sanika Sanjay Shinde	S.S. Shinde.
3)	Nikita Laxman More.	<u>More</u>
4)	Saloni Mahadev Chandanshive	<u>Sal.</u>
5)	Chaitanya Uttam Patil	<u>Chaitanya</u>
6)	Aspita Sunil Jadhav.	<u>Jadhav.</u>
7)	Triveni MUKESH Latthe	<u>Latthe</u>
8)	Nikita Vinod Pisal	<u>Pisal</u>
9)	Ashwini Balu Kolekar	A.B. Kolekar
10)	Arati Anandrao Chavan.	A.A. Chavan.
11)	Akshada Dattatray Desai.	A.D. Desai
12)	Anuja Pandit Deshmukh.	<u>A.P. Deshmukh</u>
13)	Shreya Santosh Jadhav.	S.S. Jadhav.
14)	Chetana Vijay Jadhav	C.V. Jadhav
15)	Manali Pandurang Zambare	M.P. Zambare.
16)	Prihi Chandrakant Kamble.	<u>P.Kamble</u>
17)	Manisha Madhukar Kawage	<u>M.Kawage</u>
18)	Aparna Prabhakar Atpadkar	<u>A.P.</u>
19)	Ishvazi Shahajirao Patil	<u>Patil</u>
20)	Madhura Mansing Patil.	<u>M.Patil.</u>
21)	Sana Nalsab Mulani	<u>Mulani</u>
22)	Peajakta Keshav Shinde	P.K. Shinde
23)	Seema Sahebrao Kamble	<u>S.Kamble.</u>
24)	Ekta Suresh Mokaoshi	E.S. Mokaoshi
25)	Monika Anil Borade	<u>M.Borade</u>

- 26] sneha bharat kamble.
27] Dhanashri Shahaji Bhandare
28] Amrta Padbhakar Satpute.
29] Kalyani Dadasaheb Jagtap
30] Kajal Rajaram Mali.
31] Kartik Sanjay Sadhar
32] Prathamesh Dipak Patil

Sebe

D.S. Bhandare

AP

SEP

K.R. Mali

Kadun
PP



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



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

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

DEPARTMENT OF CHEMISTRY

Career Oriented Course in

“Soil and Water Analysis”

(2022-23)

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Report on Career Oriented Course in “Soil and Water Analysis”

Title	Career Oriented Course in “Soil and Water Analysis”
Duration	17 th October 2022 to 7 th February 2023
Organizer	Department of Chemistry, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Asso. Prof. S. V. Patil Asso. Prof. Dr. G. D. Kore Assi. Prof. A. A. Kamble Mrs. P. B. Patil Mr. T. P. Shinde
Coordinator	Assi. Prof. A. A. Kamble
Background	Now a day’s analysis of soil and water has high importance in the field of agriculture. For that, students must have some knowledge of soil and water quality parameters so this course is intended.
Objective	<ol style="list-style-type: none">1. To acquire basic knowledge about soil and water2. To support accurate analysis and water of soil affect to improve crop yield and health.3. To provide adequate practical and basic knowledge, accurate analysis of soil and water4. To generate skills of handling Laboratory Equipment’s.5. To learn different techniques of sampling of soil and water.
Outcomes	<ol style="list-style-type: none">1. To have some basic knowledge of basic knowledge of soil and water analysis.2. To handle the laboratory equipment’s required for soil analysis.3. To manage the sampling of different soil and water samples.4. To analyse the different parameters of soil and water
Conclusion	Students got sufficient knowledge about soil and water parameters. Course creates interest in students for analyzing various water and soil samples. thus this course is fruitful and motivational for participated students.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.


DEPARTMENT OF CHEMISTRY

Report on Career Oriented Course in "Soil and Water Analysis"

Brief Summary

Sr. No.	Organizing department	Department of Statistics		
		Male	Female	Total
1	Type of Activity	Career Oriented Course in "Soil and Water Analysis"		
2	Duration of Activity	17 th October 2022 to 7 th February 2023		
3	Venue	Chemistry Lab, Department of Chemistry		
4	Participation			
	Students	Male	Female	Total
	B. Sc. III	50	31	81
5	Result	A-Grade	B-Grade	Total
	B. Sc. III	81	00	81


Coordinator


Acting Principal
Padmabhushan Vasantrodada Patil
Mahavidyalaya, Kavathe Mahankal, Dist-Sangli.


Head
Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal, Dist-Sangli

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Application

From,
Head,
Department of Chemistry
P. V. P. College, Kavathe Mahankal,
Dist. Sangli, Maharashtra 416405
Date: 16/09/2022

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

Subject: Seeking a permission to start the career-oriented course in "Soil and Water analysis".

Respected sir,

As per your guidelines we are going to start a career oriented course in "Soil and Water analysis" in Department of Chemistry for our college students. This course will be of 30 hours and will be completed during October 2022 to January 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 sanctioned

[Handwritten Signature]

Acting Principal

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



Yours faithfully,

[Handwritten Signature]

Head

Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal, Dist-Sangli

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Date: 03-10-2022

NOTICE

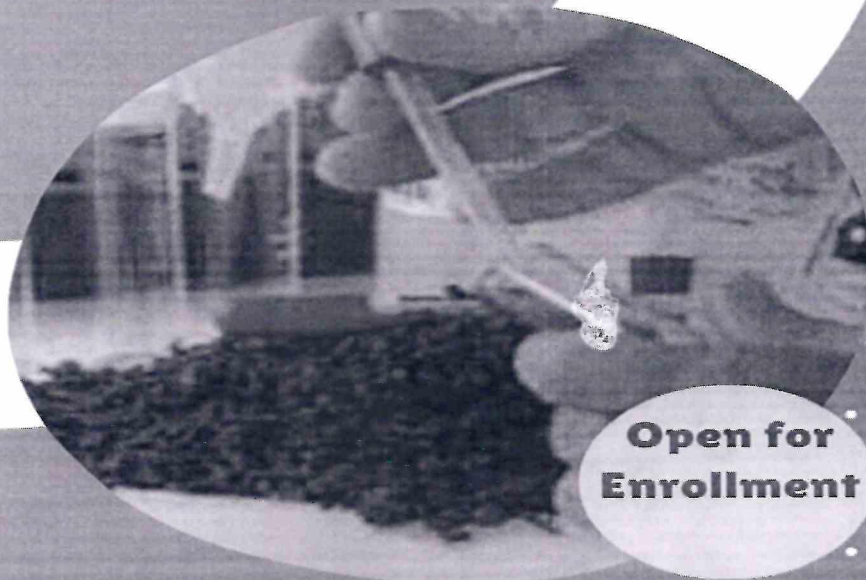
All the students in P. V. P. college, Kavathe Mahankal are informed that, Department of Chemistry is going to start the career-oriented course in "Soil and Water analysis". The interested students are requested to enroll up to 10th October, 2022.



**Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal, Dist-Sangli**

BROCHURE

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



**Open for
Enrollment**

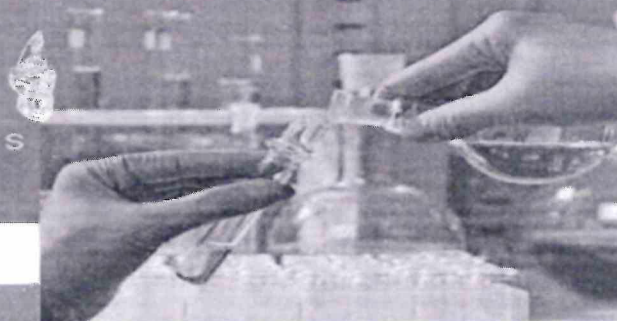
DEPARTMENT OF CHEMISTRY

CAREER ORIENTED COURSE IN "SOIL AND WATER ANALYSIS"

Starting from 16 october

JOIN NOW

- Well equipped labs
- Experienced teachers
- Free certificate








Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Board of Studies

Sr. No.	Name	Designation	Signature
1.	Asso. Prof. S. V. Patil	President	
2.	Asso. Prof. Dr. G. D. Kore	Member	
3.	Assi. Prof. A. A. Kamble	Member	
4.	Mrs. P. B. Patil	Member	
5.	Mr. T. P. Shinde	Member	

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Aims and Objectives

During the certificate course of 'Soil, Water Analysis' a candidate is trained on professional skill, professional knowledge and Employability skill related to job role.

The objectives of Soil- Water Analysis are

1. To acquire basic knowledge about soil and water
2. To support accurate analysis and water of soil affect to improve crop yield and health.
3. To provide adequate practical and basic knowledge, accurate analysis of soil and water
4. To generate skills of handling Laboratory Equipment's.
5. To learn different techniques of sampling of soil and water.
6. To study the effect of excessive use of fertilizers and irrigation resulted in the salting of soil.
7. To study excessive amount of iron, fluorides, nitrates, TDS in the water contain.

Duration:

The course will be completed in 45 hours (3 months).

Eligibility of the student:

1. The student must have the basic knowledge of chemistry.
2. Student must have passed H. Sc. Examination.
3. Student studying in institute for B.Sc.

Course outcomes:

By the end of this course students are expected,

1. To have some basic knowledge of basic knowledge of soil and water analysis.
2. To handle the laboratory equipment's required for soil analysis.
3. To manage the sampling of different soil and water samples.
4. To analyse the different parameters of soil and water

Evaluation Method:

All the students will be continuously evaluated by,

1. Internal evaluation	10 M
2. Home Assignments	10 M
3. Theory examination	40 M
4. Practical examination	30 M
5. Oral	10 M

100 M

- Nature of Theory question paper.

Q-1. 20 Multiple choice question. (40 marks)

- Nature of practical Examination.

During Practical examination student have to perform two practical one from water analysis and one from soil analysis. 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.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Syllabus

Theory Paper

[Total periods: 20]

Unit – I Introduction and formation of soil

5L

Definition of Soil, Concept of Lithosphere, Soil as a natural body, Soil Components: Air, Water, inorganic and organic solids, Formation of Soil, Factors of Soil Formation: Parent Material, Organic, Climatic, And Topographic.

Unit – II Properties of soil

5L

A) Physical properties: - Soil Separates, Texture, Aggregation and Structure, Temperature, Color, Properties of Soil Mixture, Pore Space, Bulk Density, Particle Density, Aeration and Drainage, Compaction, Surface area, Soil water relationships.
B) Chemical Properties: - Morphology of Colloids, Chemistry of Clays, Ionic Exchange, Acidity, Alkalinity, pH, Salinity, Reactions in Liming and Acidification.

Unit-III: Importance of Water Analysis

4L

Introduction to Hydrology: Water resources, Different ecosystem of Hydrology, Riverine, Estuarine, and marine, Status of water quality in India.

Unit-IV: Water Quality Parameters

6L

Water quality parameters and their interaction- physical and chemical Characteristics - turbidity, color, temperature, taste, acidity, alkalinity, CO₂, hardness, P^H. EC, TDS, Total Dissolved Solid (TDS), COD, BOD, DO,

REFERENCES:

1. Backman, H.O and Brady, N.C. (1960.). The Nature and Properties of Soils, McMillan, New York.
2. Bennet, Hugh H.: Soil Conservation, McGraw Hill, New York.
3. Foth H.D. and Turk, L. M. (1972) Fundamentals of Soil science, John Wiley, New York.
4. Mc. Bride, M. B. (1999) Environmental Chemistry of Soils, Oxford University Press, New York.
5. Govinda Rajan, S.V. and Gopala R. H. G. (1978) Studies on Soils of India Vikas, New Delhi.
6. Raychoudhuri, S. P. (1958) Soils of India, ICAR, New Delhi.

7. Russell, Sir Edward J.:(1961) Soil Conditions and Plant Growth, Wiley, New York.
8. The Chemical Analysis of Water, Hunt D.T.E., Royal Society of Chemistry, ISBN: 9780851867977
9. Water Analysis, Fresenius, Wilhelm, Quentin, Karl E., Schneider, Wilhelm, Springer, ISBN 978-3-642- 72610-1.
10. Chemistry and Water, Ahuja Satinder, Elsevier Science Publishing Co Inc, ISBN: 9780128093306.
11. Standard Analytical Procedures for Water Analysis, Hydrology Project, Government of India and Netherland, 1999.
12. Drinking Water Chemistry, Hauser Barbara, Taylor & Francis Ltd, ISBN: 9781138475311.

Practical Course (Any 10)

25 hours

1. Field Visit and Sampling of Soil Analysis.
2. Determination of water holding Capacity of Soil.
3. Determination of Moisture Content of Soil.
4. Determination of pH of Soil.
5. Determination of Electrical Conductivity of Soil.
6. Determination of Hardness of Water
7. Determination of Alkalinity of Water
8. Determination of Acidity of Water
9. Determination of pH and Conductivity of Water of Water
10. Determination of Chloride Content of Water
11. Determination of Total Solids present in Water
12. Determination of Total Dissolved Solids (TDS) present in Water
13. Determination of Free Carbon Dioxide in Water
14. Determination of Chemical Oxygen Demand (COD) of Water

REFERENCES:

1. Soil Analysis Handbook of Reference Methods, CRC Press; first edition, 20 December 1999.
2. Soil Testing and Analysis, Oxford Book Company, ISBN: 9789380179575, 9789380179575.

3. Fundamentals of Soil Science 2nd Edition by Tolanur S., CBS PUBLICATION, October 2017.
4. Principles and Methods of Soil Analysis, Edgar Richards, Franklin Classics, 2018.
5. Soil sampling and methods of analysis, M.R. Carter, CRC Press, 1993. 6. Water Analysis, Wanklyn James Alfred, Biblio Life, ISBN: 9781103755882.
7. Handbook Of Water Analysis 3rd Edition by Nollet, Taylor and Francis, ISBN:9781439889640, 2013.
8. The Chemical Analysis of Water, Hunt D.T.E., Royal Society of Chemistry, ISBN: 9780851867977.
9. Water Analysis, Fresenius, Wilhelm, Quentin, Karl E., Schneider, Wilhelm, Springer, ISBN 978-3-642- 72610-1.
10. PRACTICAL MANUAL OF WATER ANALYSIs, Priyanka Singh, ISBN-10: 9789384502294

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis Course

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory/ Practical	Theory	Theory	Theory	Theory	Practical	Practical
Lecturer	SVP	GDK	AAK	TPS	PBP	AAK

- The time of theory lectures will be 9:30 am to 10:30 am in chemistry lecture hall
- The time for practical will be 8:30 am to 11: 00 am in chemistry laboratory no. 1
- This lecture schedule is followed from 17th October to 5th November in first semester and 9th January to 21th January in second semester


Course Coordinator


Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Date:15-10-2022

NOTICE

All the enrolled students are informed that, the lectures and practical's of the course will be started from **17th October** as per timetable. All the lectures will be conducted in chemistry department lecture hall. All the practical's will be conducted in chemistry laboratory no. 1 of department of chemistry.


Course Coordinator


Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

NOTICE

30/01/2023

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

Examination	Date	Time	Venue
Theory	06/02/2023	9:00am to 11:00am	Lecture hall
Practical	07/02/2023	9:00am to 4:00pm	Laboratory no. 1


Course Coordinator


Head
Head
Department Of Chemistry
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K.Mahankal,Dist-Sangli

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Theory Examination

Date:06/02/2023

Time: 9:00am to 11:00am

Marks: 40

Name:

Instructions: 1) All questions are compulsory

2) All question carries equal marks

Que. 1. Choose the correct alternative and make a tick mark to right answer.

1. Phosphorus uptake in alkali soil in the form of _____

- (A) H_2PO_4^- (B) HPO_4^{2-} (C) PO_4^{3-} (D) H_3PO_4

2. Which fertilizer produce acidity in soil

- (A) Ammonium sulfate (B) Sodium nitrate
(C) Calcium ammonium nitrate (D) Calcium nitrate

3. Soil colloidal particle shows the phenomena

- (A) Plasticity (B) Adhesion and cohesion
(C) Flocculation (D) All of the above

4. Thiourea is type of fertilizer

- (A) Slow release (B) Nitrification inhibitors
(C) Natural nitrification (D) Artificial nitrification

5. Quantity of soil to be taken for texture analysis

- (A) 10g (B) 20g (C) 30g (D) 40g

6. Which genera of bacteria found maximum in soil?

- (A) Azotobacter (B) Pseudomonas
(C) Bacillus (D) All of the above

7. Rain water is

- (A) Basic (B) Acidic (C) Neutral (D) All of the above

8. Hardness of water is due to salts of
 (A) Calcium (B) Magnesium (C) Iron (D) both a & b
9. BOD stands for..... Oxygen Demand
 (A) Bottle (B) Biological (C) Botanical (D) both a & b
10. The maximum permissible limit for fluoride content in water is
 (A) 1.5 mg/lit (B) 5 mg/lit (C) 0.5 mg/lit (D) 10 mg/lit
11. Mathemoglobinemia disease in infants is caused due to
 (A) chlorides (B) sulphates (C) Nitrates (D) all of these
12. Blue baby disease found in infants is due to excessive In drinking water
 (A) chlorides (B) sulphates (C) Nitrates (D) Carbonates
13. A 25 ml sample was diluted to 250ml with odorless distilled water of so that odour of sample no longer perceivable what was threshold odor number
 (A) 11 (B) 10 (C) 25 (D) 05
14. Which characteristic of water is measured by using Nessler tube
 (A) Colour (B) taste (C) Dirt (D) specific conductivity
15. The most common cause of acidity in water is
 (A) Nitrogen (B) Sodium Hydroxide (C) Carbon dioxide (D) calcium
16. Which of the following types of pipes is not commonly used in water supply schemes
 (A) steel pipes (B) cement concrete pipes (C) Wrought iron pipes (D) PVC pipes
17. in water treatment plants the most used coagulant is
 (A) alum (B) chlorine (C) bleaching powder (D) lime
18. Which out of the following does not help in disinfecting the water
 (A) chlorine tablets (B) boiling (C) filtering (D) alums
19. Zero hardness of water is achieved by
 A) lime soda process (B) excess lime treatment
 (C) ion exchange method (D) using excess alum dosage
20. Which of the following parameter is used to determine quality of water
 (A) colour (B) odor (C) taste (D) all of these

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Practical Examination

Date:07/02/2023

Time: 9:00am to 04:00am

Marks: 30

Instructions: 1) All questions are compulsory

2) Each question carries 15 marks.

Q1. Perform tick marked practical in given time 15

- a. Determination of Moisture Content of Soil.
- b. Determination of pH of Soil.
- c. Determination of Electrical Conductivity of Soil.
- d. Determination of water holding Capacity of Soil.

Q2. Perform tick marked practical in given time 15

- a. Determination of Hardness of Water
- b. Determination of Alkalinity of Water
- c. Determination of Acidity of Water
- d. Determination of pH and Conductivity of Water of Water
- e. Determination of Chloride Content of Water



Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya



Kavathe Mahankal, Sangli
Affiliated to Shivaji University, Kolhapur



Department of Chemistry
Career Oriented Course in
“Soil and Water Analysis”

This is to certify that Mr./Misshas participated actively and completed successfully the short term course “A Certificate Course in Soil and Water Analysis” organized and arranged by the department of Chemistry.

Mr. Kamble A. A.
COURSE COORDINATOR

Mr. Patil S. V.
HEAD OF DEPARTMENT

CERTIFICATE FORMAT

Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

RESULT

Sr. no	NAME OF STUDENT	I. E.	H. A.	THEO RY	PRACT ICAL	ORAL	TOTAL	GRAD E
1	Attar Tahir Gulab	8	8	30	24	6	76	A
2	Avasare Girish Pandurang	9	8	32	24	6	79	A
3	Bhat Mane Manoj Vijay	7	8	34	25	5	79	A
4	Bhosale Prakash Sudhakar	8	8	32	26	7	81	A
5	Bhosale Rohan Yashwant	6	9	34	24	6	79	A
6	Bhosale Rushikesh Anil	9	8	34	23	7	81	A
7	Bhosale Sharaddha Dattatraya	9	8	32	26	8	83	A
8	Bhosale Sweta Abaso	8	7	34	24	8	81	A
9	Bhosale Tejas Dhairshell	9	8	30	23	7	77	A
10	Chandanshive Snehal Jitendra	7	9	28	25	6	75	A
11	Chavan Akshay Maruti	9	8	26	25	7	75	A
12	Chavan Komal Anil	8	7	26	26	8	75	A
13	Chavan Mohan Sanjay	7	8	28	23	7	73	A
14	Chavan Pranali Pravin	8	7	34	25	6	80	A
15	Chavan Sanket Ramesh	9	8	26	24	7	74	A
16	Chavan Subhash Balvant	7	9	32	24	8	80	A
17	Chougule Priyanka Bapuso	8	8	34	23	6	79	A
18	Desai Ruturaj Appa	9	9	30	22	7	77	A
19	Devkate Komal	7	8	30	21	8	74	A
20	Firme Prathamesh Anil	7	9	34	23	6	79	A
21	Gherade Avinash Vilas	8	8	34	21	7	78	A
22	Gherade Yuvraj Vasant	9	9	34	24	6	82	A
23	Gidde Aishwarya Dilip	8	8	32	21	7	76	A
24	Gorad Sagar Sambhaji	7	9	32	25	6	79	A
25	Gujale Rohit Sanjay	9	8	36	25	7	85	A
26	Hajare Pooja Annaso	7	9	34	26	6	82	A
27	Hankare Amol Jaysing	8	8	32	24	7	79	A
28	Hubale Priyanka Prakash	9	8	34	25	6	82	A
29	Hunmane Ganesh Sambhaji	8	8	32	27	7	82	A
30	Imade Monika Vilas	7	9	34	24	6	80	A
31	Jadhav Neha Rajiv	8	8	32	23	7	78	A

69	Patole Aditya Anil	8	8	32	23	7	78	A
70	Phonde Supriya Mayappa	7	9	28	25	6	75	A
71	Salunkhe Aishwarya Popat	9	8	26	25	7	75	A
72	Salunkhe Pratiksha Mohan	8	7	26	26	8	75	A
73	Salunkhe Rutuja Bapu	8	8	32	21	7	76	A
74	Shinde Pragati Pandit	7	9	32	25	6	79	A
75	Shingade Sanjay Govind	9	8	36	25	7	85	A
76	Suryawanshi Raturaj Yuvraj	8	7	26	26	8	75	A
77	Sutar Nikita Nivrutti	8	8	32	21	7	76	A
78	Thokale Prashik Dattatraya	7	9	32	25	6	79	A
79	Thombare Vikram babao	9	8	36	25	7	85	A
80	Waghmare Pratik Annaso	8	7	26	26	8	75	A
81	Waghmare Shubham Suresh	8	8	32	21	7	76	A


Course Coordinator


Head
Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal, Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

THEORY LECTURE/ PRACTICAL ATTENDANCE

Sr.no	NAME OF STUDENT	Date														
		17 oct	18 oct	19 oct	20 oct	21 oct	22 oct	24 oct	25 oct	26 oct	27 oct	28 oct	29 oct	31 oct	1 Nov	2 Nov
1	Attar Tahir Gulab	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Ab	Attar	Attar	Attar	Ab	Attar	Attar	Attar
2	Avasare Girish Pandurang	GAVASARE	Ab	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	GAVASARE	Ab	GAVASARE
3	Bhat Mane Manoj Vijay	MV Bhat	MV Bhat	Ab	MV Bhat	MV Bhat	MV Bhat	Ab	MV Bhat	MV Bhat	MV Bhat	MV Bhat	MV Bhat	MV Bhat	MV Bhat	MV Bhat
4	Bhosale Prakash Sudhakar	PBhosale	PBhosale	PBhosale	PBhosale	Ab	PBhosale	PBhosale	PBhosale	PBhosale	Ab	PBhosale	PBhosale	PBhosale	PBhosale	Ab
5	Bhosale Rohan Yashwant	Rybhosale	Ab	Rybhosale	Rybhosale	Rybhosale	Rybhosale	Rybhosale	Rybhosale	Rybhosale	Ab	Rybhosale	Rybhosale	Rybhosale	Rybhosale	Rybhosale
6	Bhosale Rushikesh Anil	ABEsele	ABEsele	Ab	ABEsele	ABEsele	ABEsele	ABEsele	ABEsele	Ab	ABEsele	ABEsele	ABEsele	ABEsele	ABEsele	ABEsele
7	Bhosale Sharaddha Dattatraya	BSD.	BSD	BSD	BSD	BSD	Ab	BSD	BSD	BSD	BSD	BSD	BSD	Ab	BSD	BSD

8	Bhosale Sweta Abaso	Bosale	Bosale	Bosale	Ab	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale
9	Bhosale Tejas Dhairshell	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
10	Chandanshi ve Snehal Jitendra	Schandan	Ab	Schandan	Schandan	Schandan	Ab	Schandan	Schandan	Schandan	Schandan	Schandan	Schandan	Schandan	Schandan	Schandan	Schandan
11	Chavan Akshay Maruti	Amchav	Amchav	Amchav	Amchav	Amchav	Amchav	Amchav	Ab	Amchav	Amchav	Amchav	Amchav	Amchav	Amchav	Amchav	Amchav
12	Chavan Komal Anil	Kachav	Kachav	Ab	Kachav	Kachav	Kachav	Kachav	Ab	Kachav	Kachav	Kachav	Kachav	Kachav	Kachav	Kachav	Kachav
13	Chavan Mohan Sanjay	Braitkoad	Braitkoad	Braitkoad	Ab	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Braitkoad	Ab
14	Chavan Pranali Pravin	Pehavon	Ab	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Pehavon	Ab	Pehavon
15	Chavan Sanket Ramesh	SPE	SPE	SPE	Ab	SPE	SPE	SPE	SPE	SPE	SPE	SPE	SPE	SPE	SPE	SPE	SPE
16	Chavan Subhash Balvant	Ab	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav	Schav

26	Hajare Pooja Annaso	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.	HajPA.
27	Hankare Amol Jaysing	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure	Attampure
28	Hubale Priyanka Prakash	Phubale	Phubale	Phubale	Phubale	Ab	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale
29	Hunmane Ganesh Sambhaji	Shunman	Shunman	Shunman	Shunman	Ab	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman	Shunman
30	Imade Monika Vilas	Monavt	Ab	Monavt	Monavt	Monavt	Ab	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt	Monavt
31	Jadhav Neha Rajiv	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	Ab	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.	ARJohv.
32	Jadhav Sandip Sadashiv	SSEJadhav	SSEJadhav	Ab	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav	SSEJadhav
33	Jagtap Akanksha Dinkar	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap	Agagtap
34	Jagtap Gaurav Sambhaji	Ab	Geurav	Geurav	Ab	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Geurav	Ab

44	Koli Vaibhav Sambhaji	Dskoli	Dskoli	Ab	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli	Dskoli
45	Kore Pratiksha Dharma	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Ab	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore
46	Koshti Karan Sunilkumar	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Ab	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti
47	Kumbhar Dnyaneshw ar Shankar	Dskumbh	Dskumbh	Ab	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh	Dskumbh
48	Kumbhar Nikhita Balaso	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Ab	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh	Nskumbh
49	Kumbhar Sachin Sopan	Ssk	Ab	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ab	Ssk
50	Limkar Onkar Balasaheb	Ab	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar	Oskar
51	Mali Aishwarya Akaram	Amali	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali
52	Mali Amruta Bhupal	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali

53	Mali Rutuja Vilas	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali
54	Mali Vaibhav Madhukar	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali
55	Mane Prashant Pandit	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare
56	Mane Prathmesh Jaideep	Pmare	Ab	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare
57	Mane Vaishnavi Sahadev	Ab	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare
58	Mulla Muskan J.	M. Mulla	M. Mulla	M. Mulla	Ab	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla
59	Narale Vaishnavi Ganesh	N.V.G	N.V.G	N.V.G	N.V.G	Ab	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G
60	Patil Chandrkala Balasaheb	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil	C.B. Patil
61	Patil Gayatri Vilas	Gayatri	Gayatri	Ab	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Ab	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri

80	Waghmare Pratik Annaso	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
81	Waghmare Shubham Suresh	Pass	Pass	Pass	Pass	Ab	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass


Course Coordinator


Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal, Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

THEORY LECTURE/ PRACTICAL ATTENDANCE

Sr.n o	NAME OF STUDENT	Date														
		2 Nov	4 Nov	5 Nov	9 Jan	10 Jan	11 Jan	12 Jan	13 Jan	14 Jan	16 Jan	17 Jan	18 Jan	19 Jan	20 Jan	21 Jan
1	Attar Tahir Gulab	TGATter	TGATter	TGATter	TGATter	TGATter	TGATter	TGATter	TGATter	Ab	TGATter	TGATter	TGATter	TGATter	TGATter	Ab
2	Avasare Girish Pandurang	Ab	GPAUSare	GPAUSare	GPAUSare	Ab	GPAUSare	GPAUSare	GPAUSare	GPAUSare	GPAUSare	Ab	GPAUSare	GPAUSare	GPAUSare	GPAUSare
3	Bhat Mane Manoj Vijay	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat
4	Bhosale Prakash Sudhakar	Pobhosale	Pobhosale	Pobhosale	Pobhosale	Pobhosale	Pobhosale	Ab	Pobhosale	Pobhosale	Ab	Pobhosale	Pobhosale	Pobhosale	Pobhosale	Pobhosale
5	Bhosale Rohan Yashwant	Ab	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale	Pdybhosale
6	Bhosale Rushikesh Anil	ABseal	ABseal	ABseal	Ab	ABseal	ABseal	ABseal	ABseal	Ab	ABseal	ABseal	ABseal	ABseal	ABseal	ABseal
7	Bhosale Sharaddha Dattatraya	PBD	Ab	PBD	PBD	PBD	PBD	PBD	PBD	PBD	PBD	PBD	PBD	Ab	PBD	PBD

35	Jankar Nikhil Balaso	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary	Najary
36	Kadam Vishal Raghunath	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam
37	Kalel Amol Balu	APB	APB	APB	APB	APB	APB	APB	APB	Ab	APB	APB	APB	APB	APB	APB	APB	APB	APB
38	Kashid Anagha Vitthal	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV
39	Kashid Rohini Bapurao	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid
40	Katkar Shubham Sanjay	S.S.Katkar	S.S.Katkar	S.S.Katkar	Ab	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar
41	Khandekar Ajit Suresh	VAJit	Ab	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	VAJit	Ab
42	Khot Aditya Ramesh	AKhot	AKhot	AKhot	AKhot	Ab	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot	AKhot
43	Kodag Vijay Rajaram	VRKodag	VRKodag	Ab	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	Ab	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag

44	Koli Vaibhav Sambhaji	Ab	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli
45	Kore Pratiksha Dharma	Pokore	Pokore	Pokore	Pokore	Pokore	Ab	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore	Pokore
46	Koshti Karan Sunilkumar	Ab	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Ab	Kskoshi	Kskoshi	Kskoshi
47	Kumbhar Dnyaneshw ar Shankar	Dskum	Dskum	Ab	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Dskum	Ab	Dskum
48	Kumbhar Nikhita Balaso	Nskumb	Nskumb	Nskumb	Nskum	Nskum	Nskum	Ab	Nskum	Nskum	Nskum	Nskum	Nskum	Nskum	Nskum	Nskum	Nskum	Ab
49	Kumbhar Sachin Sopan	Ssk	Ab	Ssk	Ssk	Ssk	Ssk	Ssk	Ab	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk	Ssk
50	Limkar Onkar Balasaheb	Oskum	Oskum	Oskum	Oskum	Ab	Oskum	Oskum	Oskum	Oskum	Oskum	Oskum	Oskum	Oskum	Ab	Oskum	Oskum	Oskum
51	Mali Aishwarya Akaram	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali
52	Mali Amruta Bhupal	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali

53	Mali Rutuja Vilas	Ab	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali
54	Mali Vaibhav Madhukar	Amai	Amai	Amai	Amai	Ab	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Ab	Amai	Amai	Amai	Amai	Amai
55	Mane Prashant Pandit	Pmare	Pmare	Ab	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Ab	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare
56	Mane Prathmesh Jaideep	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare	Pmare
57	Mane Vaishnavi Sahadev	Vmare	Vmare	Vmare	Ab	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Ab	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Vmare	Ab
58	Mulla Muskan J.	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	Ab	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla	M. Mulla
59	Narale Vaishnavi Ganesh	N. V. G	N. V. G	N. V. G	N. V. G	Ab	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G	N. V. G
60	Patil Chandrkala Balasaheb	C. B. Patil	C. B. Patil	Ab	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil	C. B. Patil
61	Patil Gayatri Vilas	Ab	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil	Gayatri Patil

80	Waghmare Pratik Annaso	Pass	Ab	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
81	Waghmare Shubham Suresh	Pass	Pass	Pass	Pass	Pass	Ab	Pass	Pass	Pass	Pass	Pass	Ab	Pass	Pass	Pass


Course Coordinator


Head
Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K. Mahankal. Dist. Sandli

Shikshan Prasarak Sanstha's
Padmabhushan Vasantodada Patil Mahavidyalaya



Kavathe Mahankal , Sangli
Affiliated to Shivaji University, Kolhapur

Career Oriented Course

A Career Oriented Course in Identification and Uses of Medicinal Plants

Prepared by

Department of Botany

Padmabhushan Vasantodada Patil Mahavidyalaya

Kavathe Mahankal 416405

DEPARTMENT OF BOTANY

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

Title	Career Oriented Course in "Identification and Uses of Medicinal Plants"
Duration	10 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

Padmaabhushan Vasantnandada Patil
Mahavidyalaya, Mahankal Dist. Sar.

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

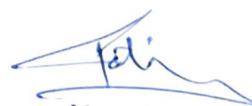
Report on Career Oriented Course in "Identification and Uses of Medicinal Plants"

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 Vasantraodada Patil
Mahavidyalaya, Kavathe Mahankal Dist-Sangli


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

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Department of Botany

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

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

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

Respected sir,

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

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

Thanking you.

Permission granted.

Murad

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

Yours faithfully,

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

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 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

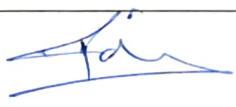
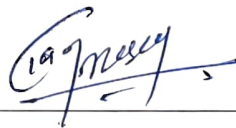
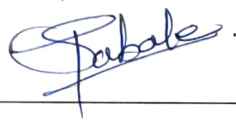

Contact us on:
Mob No. 9822495288

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

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

References

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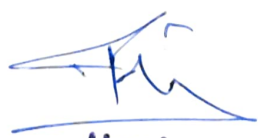
Identification and Uses of Medicinal Plants

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, Kavathe Mahankal.

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



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Kavathe Mahankai Dist-Sangli

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal
DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants
Theory Attendance

Sr. No.	Student Name	Date	
1	Athavale Pramodini Savant	11/01/23	<u>SNB</u>
		16/01/23	<u>SNB</u>
2	Bandgar Sarika Birbal	17/01/23	<u>SNB</u>
		18/01/23	<u>SNB</u>
3	Bhosale Sandhyarani Amol	23/01/23	<u>SNB</u>
		24/01/23	<u>SNB</u>
4	Bhusnar Snehal Namdev	25/01/23	<u>SNB</u>
		31/01/23	<u>SNB</u>
5	Choudhary Geeta Dayaram	01/02/23	<u>SNB</u>
		06/02/23	<u>SNB</u>
6	Deshinge Aditi Maruti	07/02/23	<u>SNB</u>
		08/02/23	<u>SNB</u>
7	Devkate Payal Balaso	13/02/23	<u>SNB</u>
		14/02/23	<u>SNB</u>
8	Bhosale Sandhyarani Amol	15/02/23	<u>SNB</u>
		20/02/23	<u>SNB</u>
9	Bhosale Sandhyarani Amol	21/02/23	<u>SNB</u>
		22/02/23	<u>SNB</u>
10	Bhosale Sandhyarani Amol	27/02/23	<u>SNB</u>
		28/02/23	<u>SNB</u>
11	Bhosale Sandhyarani Amol	01/03/23	<u>SNB</u>
		06/03/23	<u>SNB</u>
12	Bhosale Sandhyarani Amol	13/03/23	<u>SNB</u>
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13	Bhosale Sandhyarani Amol	15/03/23	<u>SNB</u>
		20/03/23	<u>SNB</u>
14	Bhosale Sandhyarani Amol	21/03/23	<u>SNB</u>
		27/03/23	<u>SNB</u>
15	Bhosale Sandhyarani Amol	28/03/23	<u>SNB</u>
		29/03/23	<u>SNB</u>
16	Bhosale Sandhyarani Amol	03/04/23	<u>SNB</u>
		05/04/23	<u>SNB</u>

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
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9.	Jadhav Tejashri Raosaheb	20/02/23	Beetal
		21/02/23	Beetal
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10.	Jagtap Prajakta Yashwant	03/04/23	Beetal
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11.	Jagtap Tejaswini Bharat	Jagtap	Beetal
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12.	Karande Rutuja Virendra	Rutuja	Beetal
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13.	Kolekar Pranali Rajendra	Pranali	Beetal
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14.	Mangave Aishwarya Pravin	Aishwarya	Beetal
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15.	Mulani Sharmin Shoukat	Sharmin	Beetal
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Sr. No.	Student Name	Date			
16.	Nikam Gayatri Mohan		11/01/23		
			16/01/23		
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			24/01/23		
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17.	Patil Pranali Laxman		13/02/23		
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18.	Patil Rutuja Ashok		15/03/23		
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			05/04/23		
		19.	Patil Rutuja Shankar		
20.	Patil Sonal Shrikant				
21.	Patil Supriya Vijay				
22.	Patil Swapnali Uttam				
		23.	Pawar Kiran Tanaji		

Sr. No.	Date	Student Name																																		
			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	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			
24	Pawar Nikita Laxman	P	P	P	P	P	P	P	P	P	P	-AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
25	Salunkhe Sanika Kailas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
26	Sapkal Rahul Gajanan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	Savale Sakshi Arun	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
28	Shejal Sayajirao Laxman	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	Shinde Digamber Sambhaji	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
30	Shinde Shailaja Dilip	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

Sr. No.	Student Name	Date
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31.	Sonavane Pooja Shrikant	PBS
32.	Surwanshi Pratiksha A.	PA
33.	Suryawanshi Nilima G.	Suryan
34.	Suryawanshi Rutuja R.	P
35.	Sutar Nikita Nivrutti	Datay
36.	Waghmare Aditya Dagadu	Adw
37.	Yamgar Pooja Tatoba	BSKhal



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

Padmabhushan Vasatraodada Patil Mahavidyalaya, KavatheMahankal.

DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants

Practical Attendance

Sr. No.	Date Student Name	12/01/23	27/01/23	03/02/23	17/02/23	03/03/23	24/03/23
		1	Athavale Pramodini Savant	<u>Pam.</u>	<u>Pam.</u>	<u>Pam.</u>	<u>Pam.</u>
2	Bandgar Sarika Birbal	<u>Sarandgar</u>	<u>Sarandgar</u>	<u>Sarandgar</u>	<u>Sarandgar</u>	<u>Sarandgar</u>	<u>Sarandgar</u>
3	Bhosale Sandhyarani Amol	<u>Sahosale...</u>	<u>Sahosale...</u>	<u>Sahosale...</u>	<u>Sahosale...</u>	<u>Sahosale...</u>	<u>Sahosale...</u>
4	Bhusnar Snehal Namdev	<u>SNB</u>	<u>SNB</u>	<u>SNB</u>	<u>SNB</u>	<u>SNB</u>	<u>SNB</u>
5	Choudhary Geeta Dayaram	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>
6	Deshinge Aditi Maruti	<u>Aditi</u>	<u>Aditi</u>	<u>Aditi</u>	<u>Aditi</u>	<u>Aditi</u>	<u>Aditi</u>
7	Devkate Payal Balaso	<u>Bdevakate</u>	<u>Bdevakate</u>	<u>Bdevakate</u>	<u>Bdevakate</u>	<u>Bdevakate</u>	<u>Bdevakate</u>
8	Dudhal Ratan Savanta	<u>Dudhal</u>	<u>Dudhal</u>	<u>Dudhal</u>	<u>Dudhal</u>	<u>Dudhal</u>	<u>Dudhal</u>
9	Jadhav Tejashri Raosahab	<u>Tjadhav</u>	<u>Tjadhav</u>	<u>Tjadhav</u>	<u>Tjadhav</u>	<u>Tjadhav</u>	<u>Tjadhav</u>
10	Jagtap Prajakta Yashwant	<u>Pajtap</u>	<u>Pajtap</u>	<u>Pajtap</u>	<u>Pajtap</u>	<u>Pajtap</u>	<u>Pajtap</u>
11	Jagtap Tejaswini Bharat	<u>Bajtap</u>	<u>Bajtap</u>	<u>Bajtap</u>	<u>Bajtap</u>	<u>Bajtap</u>	<u>Bajtap</u>
12	Karande Rutuja Virendra	<u>RVK</u>	<u>RVK</u>	<u>RVK</u>	<u>RVK</u>	<u>RVK</u>	<u>RVK</u>
13	Kolekar Pranali Rajendra	<u>PRK</u>	<u>PRK</u>	<u>PRK</u>	<u>PRK</u>	<u>PRK</u>	<u>PRK</u>
14	Mangave Aishwarya Pravin	<u>Aish.</u>	<u>Aish.</u>	<u>Aish.</u>	<u>Aish.</u>	<u>Aish.</u>	<u>Aish.</u>
15	Mulani Sharmin Shoukat	<u>SMi</u>	<u>SMi</u>	<u>SMi</u>	<u>SMi</u>	<u>SMi</u>	<u>SMi</u>
16	Nikam Gayatri Mohan	<u>Gnikam</u>	<u>Gnikam</u>	- AB -	<u>Gnikam</u>	<u>Gnikam</u>	<u>Gnikam</u>
17	Patil Pranali Laxman	<u>Pranalkade</u>	<u>Pranalkade</u>	<u>Pranalkade</u>	<u>Pranalkade</u>	<u>Pranalkade</u>	<u>Pranalkade</u>


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	Psp	Psp	Psp	Psp	Psp	Psp
20	Patil Sonal Shrikant	Patil	Patil	Patil	Patil	Patil	Patil
21	Patil Supriya Vijay	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI
22	Patil Swapnali Uttam	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>	<u>SUPATI</u>
23	Pawar Kiran Tanaji	KTP	KTP	KTP	KTP	KTP	KTP
24	Pawar Nikita Laxman	Pu	Pu	Pu	Pu	Pu	Pu
25	Salunkhe Sanika Kailas	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe	Kalunkhe
26	Sapkal Rahul Gajanan	Pes	Pes	Pes	Pes	Pes	Pes
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.	Pu	Pu	Pu	Pu	Pu	Pu
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

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

Sr. No.	Date Student Name	Theory	Practical
		20/04/23	21/04/23
1	Athavale Pramodini Savant	<u>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>Pagtap</u>	<u>Pagtap</u>
11	Jagtap Tejaswini Bharat	<u>Bartel</u>	<u>Bartel</u>
12	Karande Rutuja Virendra	<u>RVK</u>	<u>RVK</u>
13	Kolekar Pranali Rajendra	<u>PRK</u>	<u>PRK</u>
14	Mangave Aishwarya Pravin	<u>Aish.</u>	<u>Aishi</u>
15	Mulani Sharmin Shoukat	<u>Amis</u>	<u>Amis</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	Practical
		20/04/23	21/04/23
18	Patil Rutuja Ashok	<u>Rutuja</u>	<u>Rutuja</u>
19	Patil Rutuja Shankar	<u>Rsp</u>	<u>Rsp</u>
20	Patil Sonal Shrikant	<u>Sonal</u>	<u>Sonal</u>
21	Patil Supriya Vijay	<u>Supriya</u>	<u>Supriya</u>
22	Patil Swapnali Uttam	<u>Swapnali</u>	<u>Swapnali</u>
23	Pawar Kiran Tanaji	<u>KTP</u>	<u>KTP</u>
24	Pawar Nikita Laxman	<u>Nikita</u>	<u>Nikita</u>
25	Salunkhe Sanika Kailas	<u>Salunkhe</u>	<u>Salunkhe</u>
26	Sapkal Rahul Gajanan	<u>Rg</u>	<u>Rg</u>
27	Savale Sakshi Arun	<u>Sakshi</u>	<u>Sakshi</u>
28	Shejal Sayajirao Laxman	<u>Shejal</u>	<u>Shejal</u>
29	Shinde Digamber Sambhaji	<u>Saeel</u>	<u>Saeel</u>
30	Shinde Shailaja Dilip	<u>Shailaja</u>	<u>Shailaja</u>
31	Sonavane Pooja Shrikant	<u>PSS</u>	<u>PSS</u>
32	Surwanshi Pratiksha A.	<u>SA</u>	<u>SA</u>
33	Suryawanshi Nilima G.	<u>Susyn</u>	<u>Susyn</u>
34	Suryawanshi Rutuja R.	<u>Rutuja</u>	<u>Rutuja</u>
35	Sutar Nikita Nivrutti	<u>Nikita</u>	<u>Nikita</u>
36	Waghmare Aditya Dagadu	<u>Adw</u>	<u>Adw</u>
37	Yamgar Pooja Tatoba	<u>Pooja</u>	<u>Pooja</u>


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Kavathe Mahankal Dist-Sangli

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants

Teacher Attendance

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

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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


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DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants

Theory Examination

Date: 20/04/2023

Marks: 50

Time: 9:00am to 11:00am

Roll No.

Instructions: 1) All questions are compulsory

2) All questions carry equal marks

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

1) The botanical name of ginger is

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

2) The name serpentine refers to

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

3) *Tinospora cordifolia* is

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

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

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

5) A most important chief constituent of opium is

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

6) The name of chemical constituent zingiberine refers to

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

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF BOTANY

Identification and Uses of Medicinal Plants

Practical Examination

Date: 21/04/2023

Marks: 30

Time: 9:00am to onwards


Instructions: 1) All questions are compulsory

2) All questions carry equal marks

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

Q.2 Prepare a Herbal Ointment.


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


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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


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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
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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. *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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Bhosale Sandhyarani Amol* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Bhusnar Snehal Namdev* 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

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Choudhary Geeta Dayaram* 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

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Deshinge Aditi Maruti* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Devkate Payal Balaso* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Dudhal Ratan Savanta* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Jadhav Tejashri Raosaheb* 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.

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Jagtap Prajakta Yashwant* 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

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Jagtap Tejaswini Bharat* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Karande Rutuja Virendra* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Kolekar Pranali Rajendra* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Mangave Aishwarya Pravin* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Mulani Sharmin Shoukat* 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

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Nikam Gayatri Mohan* 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

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Mr. T. G. 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 Pranali Laxman* 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

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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. *Patil Rutuja Ashok* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Patil Rutuja Shankar* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Patil Sonal Shrikant* 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
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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. *Patil Supriya Vijay* 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



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This is to certify that Mr./Miss/Mrs. *Patil Swapnali Uttam* 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
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This is to certify that Mr./Miss/Mrs. *Pawar Kiran Tanaji* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Pawar Nikita Laxman* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Salunkhe Sanika Kailas* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Sapkal Rahul Gajanan* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Savale Sakshi Arun* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Shejal Sayajirao Laxman* 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.

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Shinde Digamber Sambhaji* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Shinde Shailaja Dilip* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Sonavane Pooja Shrikant* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Suryawanshi Pratiksha Ajayraj* 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
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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Suryawanshi Nilima Ganpatrao* 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.

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This is to certify that Mr./Miss/Mrs. *Suryawanshi Rutuja Ramchandra* 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.

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Sutar Nikita Nivrutti* 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.

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Waghmare Aditya Dagadu* 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.

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C E R T I F I C A T E

This is to certify that Mr./Miss/Mrs. *Yamgar Pooja Tatoba* 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
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