

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



Kavathe Mahankal , Sangli  
Affiliated to Shivaji University, Kolhapur

## **Career Oriented Course**

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

Prepared by

**Department of Botany**

**Padmabhushan Vasantrodada Patil Mahavidyalaya**

Kavathe Mahankal 416405

## DEPARTMENT OF BOTANY

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

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



**Acting Principal**

Padmaleshwar Vasantnandada Patil  
Mahavidyalaya, Mahankal Dist. Sar.

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

## DEPARTMENT OF BOTANY

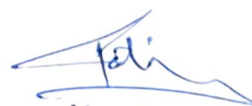
Report on Career Oriented Course in "Identification and Uses of Medicinal Plants"

### 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 <sup>th</sup> January 2023 to 10 <sup>th</sup> April 2023			
3	Venue	Botany Lab, Department of Botany			
4	Participation				
	Students	Male	Female	Total	
	B. Sc. III & B. Sc. II	05	32	37	
5	Result	A-Grade	B-Grade	C-Grade	Total
	B. Sc. III & B. Sc. II	37	0	0	37

  
Coordinator

  
Acting Principal  
Padmabhushan 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 10<sup>th</sup> January, 2023.

  
Course Coordinator

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

# Brochure

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



Kavathe Mahankal, Sangli  
Affiliated to Shivaji University, Kolhapur

*Department of Botany*



Open for  
Enrollment

*A Career Oriented Course*

*in Identification and Uses of Medicinal Plants*

Starting From 10 January 2023

**Specifications:**

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

**Join Now**

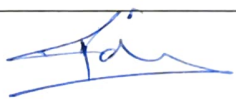
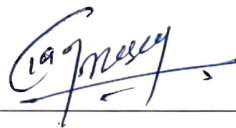
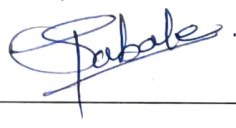

Contact us on:  
Mob No. 9822495288

**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Board of Studies**

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



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

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

## **DEPARTMENT OF BOTANY**

### **Identification and Uses of Medicinal Plants**

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

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

#### **Aims and Objectives:**

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

#### **Duration:**

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

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

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

#### **Course outcomes:**

By the end of this course students are expected,

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

### **Evaluation Method:**

All the students will be continuously evaluated by,

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

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

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

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

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

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

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

# CARRIER ORIENTED COURSE

Duration: 3 Months (50 Hours)

Syllabus - Theory (32 Hours)

## Unit: 1 – Introduction to Medicinal Plants 11L

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

## Unit: 2 – Medicinal Plants I 07L

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

## Unit: 3 – Medicinal Plants II 07L

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

## Unit: 4 – Medicinal Plants III 07L

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

## Practical (18 Hours)

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



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

## References

- Aikman, L. 1977. *Nature's healing arts: from folk medicine to modern drugs*. National Geographic Society. 199 pp.
- Akerele, O. 1990. *Medicinal plants in traditional medicine*. Econ. Med. Plant Res. 4: 5-16.
- Akerele, O. 1993. *Guidelines for the assessment of herbal medicines*. Herbal Gram 28: 17-20.
- Akerele, O. V. Heywood, & H. Synge. 1991. *Conservation of medicinal plants*. Cambridge Univ. Press. Cambridge, England. 362 pp.
- Altschul, S. von R. 1973. *Drugs and foods from little-known plants*. Harvard Univ. Press. Cambridge, MA. 366 pp.
- American Botanical Council. 2000. Herb Clip on CD-ROM '96-'99.
- Anderson, F. J. 1977. *An illustrated history of the herbals*. Columbia Univ. Press. 270 pp.
- Andoh, A. 1986. *The science and romance of selected herbs used in medicine and religious ceremonies*. The North Scale Institute. San Francisco, CA. 324 pp.
- Artuso, A. 1997. *Drugs of natural origin*. Pharmaceutical Products Press. New York, NY. 201 pp.
- Astin, J. A. 1998. *Why patients use alternative medicine: results of a national study*. J. American Med. Assoc. 279: 1548-1553.
- Ayensu, E. 1981. *A worldwide role for the healing power of plants*. Smithsonian 12(8): 87-97.
- Bakhiet, A. O. & S. E. I. Adam. 1995. *Therapeutic utility, constituents and toxicity of some medicinal plants: a review*. Vet. Human Toxicol. 37(3): 255-258.
- Balandrin, M. F., A. D. Kinghorn, & N. R. Farnsworth. 1993. *Plant-derived natural products in drug discovery and development: an overview*. In, Kinghorn, A. D. & M. Balick, M. J. 1990. *Ethnobotany and the identification of therapeutic agents from the rainforest*. Ciba Found. Symp. 154: 22-39.
- Balick, M. J. 2014. *Rodale's 21<sup>st</sup> century herbal*. Rodale Press. New York, NY. 498 pp.
- Balick, M. J. & R. O. Mendelsohn. 1992. *Assessing the economic value of traditional medicines from tropical rain forests*. Conservation Biol. 6(1): 128-130.
- Balick, M. J. et al. 1996. *Medicinal resources of the tropical forest: biodiversity and its importance to human health*. Columbia Univ. Press. New York, NY. 464 pp.
- Bartram, T. 1995. *Encyclopedia of herbal medicine*. British Herbal Medical Assoc. Bournemouth, England.
- Bianchini, F. & F. Corbetta. 1975. *Health plants of the world. Atlas of medicinal plants*. Newsweek Books. 242 pp.
- Bingel, A. S. & H. S. Fong. 1988. *Potential fertility-regulating agents from plants*. Econ. Med. Plant Res. 2: 73-118.
- Bisset, N. G. 1991. *One man's poison another man's medicine?* J. Ethnopharm. 32(1-3): 71-81.

**PadmabhushanVasatraodada Patil Mahavidyalaya, KavatheMahankal.**

**DEPARTMENT OF BOTANY**

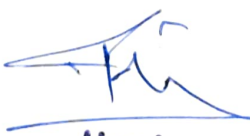
**Identification and Uses of Medicinal Plants**

**TIMETABLE**

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

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

  
Course Co-ordinator

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

Padmabhushan Vasanthaodada Patil Mahavidyalaya, Kavathe Mahankal.

**DEPARTMENT OF BOTANY**


**Identification and Uses of Medicinal Plants**

**Notice**

Date: 07-01-2023

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

  
Course Coordinator

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

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

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Admission List**

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

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



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

**Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal**  
**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**

**Theory Attendance**

Sr. No.	Student Name	Date
		11/01/23
		16/01/23
		17/01/23
		18/01/23
		23/01/23
		24/01/23
		25/01/23
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		21/03/23
		27/03/23
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		29/03/23
		03/04/23
		05/04/23
1	Athavale Pramodini Savant	<del>Sahasale</del>
2	Bandgar Sarika Birbal	<del>Sahasale</del>
3	Bhosale Sandhyarani Amol	<del>Sahasale</del>
4	Bhusnar Snehal Namdev	<del>SNB</del>
5	Choudhary Geeta Dayaram	<del>Geeta</del>
6	Deshinge Aditi Maruti	<del>Aditi</del>
7	Devkate Payal Balaso	<del>Devkate</del>








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

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**




Sr. No.	Date Student Name	12/01/23	27/01/23	03/02/23	17/02/23	03/03/23	24/03/23
		18	Patil Rutuja Ashok	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
19	Patil Rutuja Shankar	Psp	Psp	Psp	Psp	Psp	Psp
20	Patil Sonal Shrikant	Patil	Patil	Patil	Patil	Patil	Patil
21	Patil Supriya Vijay	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI	ABRATI
22	Patil Swapnali Uttam	SubPatil	SubPatil	SubPatil	SubPatil	SubPatil	SubPatil
23	Pawar Kiran Tanaji	KTP	KTP	KTP	KTP	KTP	KTP
24	Pawar Nikita Laxman	Pu	Pu	Pu	Pu	Pu	Pu
25	Salunkhe Sanika Kailas	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>	<del>Kalunkhe</del>
26	Sapkal Rahul Gajanan	Pes	Pes	Pes	Pes	Pes	Pes
27	Savale Sakshi Arun	SA	SA	SA	SA	SA	SA
28	Shejal Sayajirao Laxman	Pu	Pu	Pu	Pu	Pu	Pu
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**  
**Department of Botany**  
**P.V.P. Mahavidyalaya**  
**Kavathe Mahankal Dist-Sangli**

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

Sr. No.	Date Student Name	Theory	Practical
		20/04/23	21/04/23
1	Athavale Pramodini Savant	<u>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>Pmpatilde</u>	<u>Pmpatilde</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>SAS</u>	<u>SAS</u>
28	Shejal Sayajirao Laxman	<u>SL</u>	<u>SL</u>
29	Shinde Digamber Sambhaji	<u>Saeel</u>	<u>Saeel</u>
30	Shinde Shailaja Dilip	<u>SS</u>	<u>SS</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>R</u>	<u>R</u>
35	Sutar Nikita Nivrutti	<u>Nat</u>	<u>Nat</u>
36	Waghmare Aditya Dagadu	<u>Adw</u>	<u>Adw</u>
37	Yamgar Pooja Tatoba	<u>PKhol</u>	<u>PKhol</u>



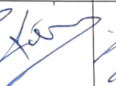


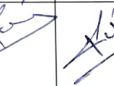

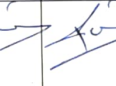
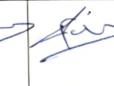

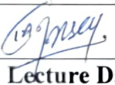

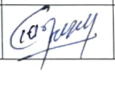
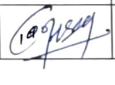
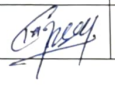
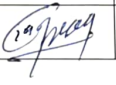
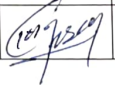

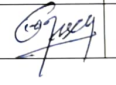





















  
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**Department of Botany**  
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**Kavathe Mahankal Dist-Sangli**

**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.													
		Lecture Dates												
3	Mr. Patil S. B.													
		Practical Dates												
4	Mr. Sabale S. M.	12/01/23		27/01/23		03/02/23		17/02/23		03/03/23		24/03/23		
														

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

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

**DEPARTMENT OF BOTANY**

**Identification and Uses of Medicinal Plants**


**NOTICE**

**13/04/2023**

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

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

  
Co-ordinator

  
**Head**  
**Department of Botany**  
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**Kavathe Mahankal Dist-Sangli**

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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.

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

2) All questions carry equal marks

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

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

a) *Zingiber officinale*

b) *Papaver somniferum*

c) *Embllica officinalis*

d) *Rauwolfia serpentina*

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

a) *Rauwolfia serpentina*

b) *Withania somnifera*

c) *Embllica officinalis*

d) *Tinospora cordifolia*

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

a) A small tree

b) A big tree

c) Climbing shrub

d) A small herb

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

a) Leaves

b) Fruits

c) Roots

d) Flowers

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

a) Amino acid

b) Protein

c) Morphine

c) Organic acid

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

a) *Zingiber*

b) *Withania*

c) *Rauwolfia*

c) *Tinospora*



18) Reserpine is useful in treating .....

- a) Biliousness
- b) Inflammation
- c) High blood pressure
- d) Jaundice

19) A drug from the root of the following plant cures mental disorders.

- a) *Zingiber*
- b) *Rauwolfia*
- c) *Adhatoda*
- d) *Papaver*

20) The botanical name of methi is .....

- a) *Bixa orellana*
- b) *Trigonella foenum-graecum*
- c) *Rosa indica*
- d) *Aloe vera*

21) The alkaloid Azadirachtin is present in .....

- a) *Plumbago zaylanica*
- b) *Aloe vera*
- c) *Allium sativum*
- d) *Tinospora cordifolia*

22) The botanical name of Turmeric is.....

- a) *Curcuma longa*
- b) *Zingiber officinale*
- c) *Piper nigrum*
- d) *Tridax procumbens*

23) *Tribulus terrestris* is use to care.....

- a) Heart attack
- b) Kidney stone
- c) Wounds
- d) Lung disease

24) The seeds of .....plant are used of dye

- a) *Jatropha curcas*
- b) *Bixa orellana*
- c) *Abrus precatorius*
- d) *Terminali aarjuna*

25) The seeds of .....plant are usedfor contraception.

- a) *Abrus precatorius*
- b) *Bixa orellana*
- c) *Rosa indica*
- d) *Plumbago zeylanica*



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**P. V. P. S. Sangli**  
**Kavar**

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**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  
Department of Botany  
Mr. T. G. Patil

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



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

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

Course Co-Ordinator  
Dr. B. T. Jadhav

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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  
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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.

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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.

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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.

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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  
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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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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. *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  
Dr. B. T. Jadhav

Head  
Department of Botany  
Mr. T. G. Patil

Acting Principal  
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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  
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Head  
Department of Botany  
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. *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  
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Prof. (Dr.) M. K. 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 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

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



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

This is to certify that Mr./Miss/Mrs. *Patil 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  
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Head  
Department of Botany  
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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  
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Head  
Department of Botany  
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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  
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# 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  
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# C E R T I F I C A T E

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

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.

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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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## DEPARTMENT OF BOTANY

# 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.

Course Co-Ordinator  
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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. *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.

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. *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.

Course Co-Ordinator  
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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. *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.

Course Co-Ordinator  
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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. *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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Department of Botany  
Mr. T. G. Patil

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