# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD Department of Botany

### **NOTICE**

12/07/2023

The Department of **Botany** is going to be offering a certificate course in **Identification and conservation of Medicinal Plants** to B.Sc. I students.

This course is helpful for students to recognize medicinal plant species, assess their conservation status, and implement strategies for sustainable management. Those candidates interested in this course should register their names to **Dr. S. A. Kirtane** (Course Coordinator) on or before **01 August 2023.** 

Course Coordinator

Chavan College of Scientific Marad \*

Head of Department

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad

Estd.

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Hon, Yashwantrao Chavansaheb Founder

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

202164 - 271356, 271357 e-mail: prinyccsk@gmail.com website: www.yccskarad.com

Hon, P. D. Patilsaheb President up to 17th September 2008

UDISE Code - 27310207715

Index No. - J 21.02.002

Reacredited B++ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO.: RQ91/5237

Dr. Suryakant Bapu Kengar

Principal

Hon. Shamrao Alias Balasaheb Pandurang Patil

President.

Shri Shivaji Education Society's, Board for Higher Education, Karad

Hon. Altafhusen Nasiruddin Mulla

General Secretary,

Shri Shivaji Education Society's, Board for Higher Education, Karad

Criterion - I

**Curricular Aspects** 

Certificate Course in Identification and conservation of Medicinal Plants

2023-24

**Students Enrolment** 

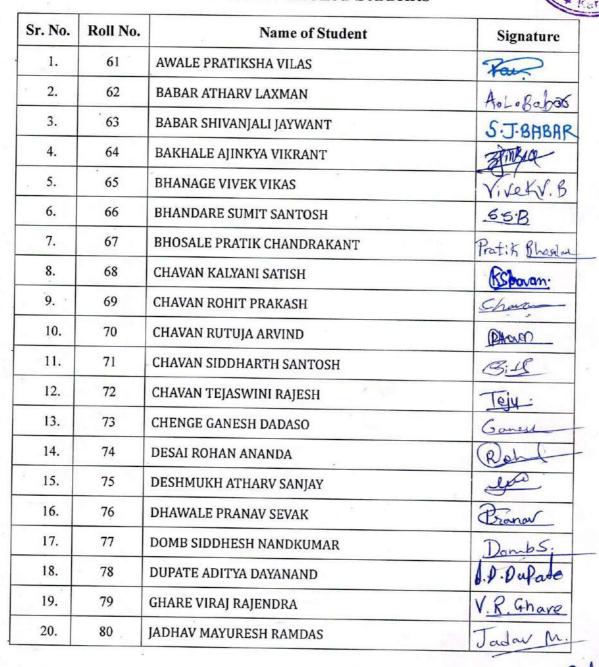
#### Department of Botany

Certificate course in

### "Identification and conservation of Medicinal Plants"

Year 2023-24

#### Name of the Enrolled Students



Course Conordinator

Department of Botany Yashwantrao Chavan College of Science, Karad

Principal

Yashwantrao Chavan College of Science, Karad

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#### **Department of Botany**

Certificate Course

"Identification and Conservation of Medicinal Plants"

Year 2023-24

Time Table (Tentative)

# August 2023 to November 2023

All the registered students of the certificate course "Identification and Conservation of Medicinal Plants" are informed that the course will start on 10 August 2023 (Thursday). Dr. G. G. Potdar (Head of Department) and Dr. S. A. Kirtane (course coordinator), will conduct all practical and theory sessions.

All should note and follow.

Theory: Friday and Saturday: 09:30 AM to 10:30 AM (1 Hr.).

Practical: Last Saturday of each month: 09:00 Am to 11:00 AM (2 Hrs).

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Dr. S. A. Kirtane

Course Coordinator

Head of the Department

Head

Department of Botany Yashwantrao Chavan College of Science, Karad

Principal

### Department of Botany

Certificate Course

"Flower Arrangement and Floral Decoration"

Year 2023-24

#### **Notice**

# **Mid-course Examination**

All the registered students of the certificate course "Identification and Conservation of Medicinal Plants" are informed that as per discussed question paper patterns, the Mid-course examinations of the above course are on 08 September 2023. The time table of the examination is as follows.

#### Theory:

Date: 08 September 2021,

Time: 09:30 AM to 10:30 AM.

All should note and follow.

Dr. S. A. Kirtane Course Coordinator Head of the Department

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad

#### Department of Botany

Certificate course in

"Identification and Conservation of Medicinal Plants"

Mid-Course Examination

Name Students: Awale Prachiksha	Vilas. Date: 08/09/202
Course Roll No 6.1	Class:B.S.C.

1.	What is the primary	active compound	in garlic r	esponsible for	its medicinal	properties?
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- B) Curcumin
- C) Capsaicin
- D) Resveratrol
- Which of the following plants is commonly used in traditional medicine to treat insomnia and anxiety?
  - A) Lavender
  - B) Valerian
  - C) Chamomile
  - D) St. John's Wort
- What is the term for the traditional Indian practice of using plant extracts and massage for healing?
- A) Homeopathy
- B) Ayurveda
- C) Acupuncture
- D) Naturopathy
- 4. Which of the following is a medicinal plant commonly used to alleviate symptoms of arthritis?
  - A) Echinacea
  - B) Turmeric
  - C) Aloe vera
  - D) Gingko biloba
- 5. What is the primary active compound in green tea known for its antioxidant properties?
  - A) Catechins B) Theanine
  - C) Caffeine
  - D) L-Theanine
- 6. Which of the following characteristics is NOT commonly used to identify plants?
  - A) Flower scent
    B) Leaf venation
  - b) Lear venation
  - C) Stem heightD) Root colour
- 7. What is the term for the study of the external appearance of plants?
  - A) Morphology
  - B) Physiology
  - C) Anatomy
  - D) Genetics

Department of Botany
Yashwantrao Chavan College of
Science, Karad

- 8. Which of the forming plant parts is NOT involved in reproduction?
  - A) Stamen
- B) Pistil
- C) Petiole D) Ovary
- 9. What is the scientific name of a plant species composed of?
  - A) Genus and order
  - B) Genus and species
  - C) Species and family
- D) Order and class
- 10. Which part of a flower contains the pollen grains?
  - A) Stigma
- B) Anther
- C) Style
- D) Ovary
- 11. What is the term for the deliberate cultivation of plants for medicinal use?
  - A) Wildcrafting
  - B) Domestication
  - C) Cultivation
  - D) Conservation
- 12. Which of the following is NOT a factor contributing to the loss of biodiversity in medicinal plants?

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- A) Deforestation
- B) Climate change
- C) Overwatering
- D) Illegal harvesting
- 13. What is the primary goal of ex situ conservation of medicinal plants?
  - A) Protecting plants in their natural habitats
  - B) Establishing protected areas
  - C) Conserving plants outside their natural habitats
  - D) Promoting sustainable harvesting practices
- 14. Which organization is responsible for maintaining the Global Strategy for Plant Conservation (GSPC)?
  - A) WHO
  - B) IUCN
  - C) FAO
  - D) CBD
- 15. What is the term for the practice of replanting harvested medicinal plants to ensure their sustainability?
  - A) Overharvesting
  - B) Reforestation
  - C) Wildcrafting
  - D) Reforestation

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#### **Department of Botany**

Certificate Course

"Identification and Conservation of Medicinal Plants"

Year 2023-24

#### **Notice Examination**

All the registered students of the certificate course "Identification and Conservation of Medicinal Plants" are informed that as per discussed question paper patterns, the examinations of the above course are from 06 November 2023. The time table of the examination is as follows.

Theory: Date: 06 Nov. 2023, Time: 9:30 AM to 10:30 AM.

Practical: Date: 06 Nov. 2023, Time: 10:00 AM to 12:00 Noon.

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All should note and follow.

Dr. S. A. Kirtane

Course Coordinator

Head of the Department

Head

Department of Botany Yashwantrao Chavan College of

Science, Karad

#### Department of Botany

Certificate course in

#### "Identification and Conservation of Medicinal Plants"

, Course Exam	ination
hure ling	Date: 06/11/2023
7-	Class: DUIT

1	1	Mu	145-1	-	71.		0			
U.	1.	VIU	un	le 1	ne	исе		ies	10	ns

Which part of a plant is	primarily responsible	for anchoring it	into the soil?
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AI	Root
OJ.	KOOL

Name Students:

Course Roll No. /..

- B) Stem
- C) Leaf
- D) Flower
- Which of the following is NOT a method used for ex situ conservation of medicinal plants?
  - A) Botanical gardens
  - B) Seed banks
  - CVProtected areas
  - D) Tissue culture
- 3. What is the term for the disappearance of a species from its native habitat?
  - A) Extinction
  - B) Evolution
  - C) Migration
  - D) Speciation
- 4. Which organization is responsible for the Red List of Threatened Species?
  - (A) IUCN
  - B) WHO
  - C) WWF
  - D) UNICEF
- 5. What is the term for the process by which plants lose water vapor through small openings in their
  - A) Transpiration
  - B) Respiration
  - C) Germination
  - D) Photosynthesis
- 6. Which medicinal plant is commonly used in Ayurveda and is known as "Indian frankincense"?
  - A) Aloe vera
  - B) Boswellia
  - C) Turmeric
  - D) Neem
- 7. What is the term for the traditional Indian system of medicine?
  - A) Acupuncture
  - B) Ayurveda
  - C) Feng Shui



- 8. Which medicinal plant is used in traditional medicine to alleviate symptoms of anxiety and insomnia?
  - A) Valerian
  - B) St. John's wort
  - C) Gingko biloba
  - D) Milk thistle
- 9. Which of the following is NOT a common method of preparing medicinal plant remedies?
  - A) Decoction
  - B) Infusion
    - C) Fermentation
    - D) Inhalation
- 10. What term refers to plants that have flowers containing both male and female reproductive organs?
  - A) Monoecious
  - B) Dioecious
- (C) Hermaphroditic
- D) Asexual
- 11. Which of the following is NOT a type of plant tissue?
- A) Meristematic tissue
- B Ground tissue
- C Dermal tissue
- D) Vascular tissue
- 12. What is the primary function of a plant's cambium layer?
  - A) Storage of nutrients
- B) Photosynthesis
- C) Transport of water and nutrients
- Secondary growth
- 13. What is the term for the process of growing plants from seeds?
  - (A) Germination
  - B) Propagation
  - C) Cultivation
  - D) Pollination
- 14. What is the term for the trade of plants and animals in violation of international agreements?
  - A) Poaching
  - B) Smuggling
  - C) Piracy
  - D) Trafficking
- 15. What is the primary active compound in aspirin, derived from willow bark?
  - A) Acetaminophen
  - B) Ibuprofen
  - C) Salicylic acid
  - D) Penicillin



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# Yashwantrao Chavan College of Science, Karad

#### Department of Botany

Certificate Course - Identification and Conservation of Medicinal Plants (2023-24)

## Mark list

Sr. No	Roll. No.	Name of Student	Mid- course exam (Out of 30)	Final Theory Exam (Out of 30)	Practical Exam (Out of 40)	Total (Out of 100)	
1.	61	AWALE PRATIKSHA VILAS	22	22	39	83	
2.	62	BABAR ATHARV LAXMAN	26	26	40	92	
3.	63	BABAR SHIVANJALI JAYWANT	26	24	40	90	
4.	64	BAKHALE AJINKYA VIKRANT	22	24	38	84	
5.	65	BHANAGE VIVEK VIKAS	24	1 26 39	39	89	
6.	66	BHANDARE SUMIT SANTOSH	20	24	38	82	
7.	67	BHOSALE PRATIK CHANDRAKANT		22 39	39		87
8.	68	CHAVAN KALYANI SATISH	24	26	. 40	90	
9.	69	CHAVAN ROHIT PRAKASH	24	24 24 39	39	39	87
10.	70	CHAVAN RUTUJA ARVIND	20	22	40	82	
11.	71	CHAVAN SIDDHARTH SANTOSH	22	26	40	88	
12.	72	CHAVAN TEJASWINI RAJESH	22	20	39	81	
13.	73	CHENGE GANESH DADASO	24	22	38	84	
14.	74	DESAI ROHAN ANANDA	22	26	38	86	
15.	75	DESHMUKH ATHARV SANJAY	20	22	38	80	
16.	- 76	DHAWALE PRANAV SEVAK	20	26	39	85	
17.	77	DOMB SIDDHESH NANDKUMAR	24	24	37	85	
18.	78	DUPATE ADITYA DAYANAND	24	20	40	84	
19.	79	GHARE VIRAJ RAJENDRA	26	26	38	90	
20.	80	JADHAV MAYURESH RAMDAS	24	24	40	88	

Consequator

BOTANY OF Karad

Principal

Yashwantrao Chavan College of Science, Karad

Department of Botany Yashwantrao Chavan College of Science, Karad

## Yashwantrao Chavan College of Science, Karad Department of Botany

Certificate Course in Identification and Conservation of Medicinal Plants (202-24)



#### CO & PO Attainment

Course code	Course Title	% of students above 60 % of Final exam marks	Level of attaintment Final exam	80% of attaintment Level in Final exam (I)	% of students above 80 % of mid-course exam marks	4- 0	attaintment Level in mid-course	Attaintment of
CC-ICMP	Identification and Conservation of Medicinal Plants	100.00	3	2.4	100.00	3	0.6	3
	Practical	100.00	3	2.4				2.4
			4					2.70

#### **Attainment Criteria:**

Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
Level 1	Less than 45% of students scoring more than average marks	Less than 60% of students scoring more than average marks
Level 2	45% - 60% of students scoring more than average marks	60% - 80% of students scoring more than average marks
Level 3	>= 60% of students scoring more than average marks	>= 80% of students scoring more than average marks

Average Attainment	Target Attainment level	Remark
2.70	Level 5	. Target achieved

Head
Department of Botany
Yashwantrae Chavan College of
Science, Karad

Yashwantrao Chavan College of Science, Karad

- was director

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President, MLA

Shri Shivaji Education Society's, Board for Higher Education, Karad

Hon. Altafhusen Nasiruddin Mulla
General Secretary,

Shri Shivaji Education Society's, Board for Higher Education, Karad

Criterion - I

**Curricular Aspects** 

Certificate Course in Identification and conservation of Medicinal Plants

2023-24

**Attendance Sheet** 

# **Department of Botany**

# Short Term Course - "Identification and Conservation of Medicinal Plants"

Year 2023-24

### **Attendance**

Roll. No.	Name of Student	14/8	Th. 12/8	Th.	19/8	25/8	7h. 26/8	marticle 26/8	Th.
61.	AWALE PRATIKSHA VILAS	P	A	P	P	P	A	A	P
62.	BABAR ATHARV LAXMAN	P.	A	P	A	P	P	A	A
63.	BABAR SHIVANJALI JAYWANT	P	P	P	P	P	P	0	ρ
64.	BAKHALE AJINKYA VIKRANT	ρ	P	P	P	P	P	P	ρ
65.	BHANAGE VIVEK VIKAS	A	P	P	A	·A	0	P	P
66.	BHANDARE SUMIT SANTOSH	P	P	p	ρ.	P	6	ρ	P
67.	BHOSALE PRATIK CHANDRAKANT	P	A	P	P	Р	P	P	P
68.	CHAVAN KALYANI SATISH	A	P	P	0	P	P	P	ρ
69.	CHAVAN ROHIT PRAKASH	P	P	P	ρ	P	A	0	ρ
70.	CHAVAN RUTUJA ARVIND	P	P	P	A	A	A	D	A
71.	CHAVAN SIDDHARTH SANTOSH	P	12	P	P	A	P	A	P.
72.	CHAVAN TEJASWINI RAJESH	P	P	P	P	P	P	P	P
73.	CHENGE GANESH DADASO	P	A	P	P	P	P	P	p
74.	DESAI ROHAN ANANDA	A	P	P	P	ρ	P	A	P
75.	DESHMUKH ATHARV SANJAY	P	P	P	A	A	A	P	P
76.	DHAWALE PRANAV SEVAK	P	P	· P	Р	P	P	P	P
77.	DOMB SIDDHESH NANDKUMAR	A	ρ	Ó	· A .	P	P	P	P
78.	DUPATE ADITYA DAYANAND	P	P	P	ρ	A	P	P	0
79.	GHARE VIRAJ RAJENDRA	P	A	A	P	ρ	A	P	P
80.	JADHAV MAYURESH RAMDAS	P	P	P	þ	A	P	p	P

BOTANY

Principal
Yashwantrao Chavan College

# YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD **Department of Botany**

# Short Term Course - "Identification and Conservation of Medicinal Plants"

Year 2023-24

### Attendance

Roll. No.	Name of Student	02/03	08/03	Th.	Th. 15/9	Th. 16/09	Th. 22/9	Th. 23/9	Th. 29/09
61.	AWALE PRATIKSHA VILAS	P	P	P	0	A	A	03/5	0
62.	BABAR ATHARV LAXMAN	P	P	A	h	P	P	P	P
63.	BABAR SHIVANJALI JAYWANT	p	ρ	P	P	P	P	P	O
64.	BAKHALE AJINKYA VIKRANT	P	P	P	n	P	P	8	P
65.	BHANAGE VIVEK VIKAS	P	P	P	A	ρ	12	p	P
66.	BHANDARE SUMIT SANTOSH	P	P	P	P	A	P	D	P
67.	BHOSALE PRATIK CHANDRAKANT	P	P	P	A	P	A	P	P
68.	CHAVAN KALYANI SATISH	P	P	A	A	ρ	P	0	P
69.	CHAVAN ROHIT PRAKASH	A	P	P	P	A	P	PY	P
70.	CHAVAN RUTUJA ARVIND	A	P	P	P	A	P	P	A
71.	CHAVAN SIDDHARTH SANTOSH	P	P	A	P	P	P	A	P
72.	CHAVAN TEJASWINI RAJESH	A	P	P	P	P	P	. P	P
73.	CHENGE GANESH DADASO	P	P	A	A	ρ	P	0	A
74.	DESAI ROHAN ANANDA	P	P	P	P	P	P	P	P
75.	DESHMUKH ATHARV SANJAY	A	P	P	A	P	P	P	P
76.	DHAWALE PRANAV SEVAK	P	P	P	A	P.	P	0	P
77.	DOMB SIDDHESH NANDKUMAR.	P	P	A	P	P	P	D	· D
78.	DUPATE ADITYA DAYANAND	A	P	1	P	A	P	0	A
79.	GHARE VIRAJ RAJENDRA	P	P	P	A	A	A	P	A
80.	JADHAV MAYURESH RAMDAS	A	P	p	P	P	A	b	P

BOTANY

# **Department of Botany**

# Short Term Course - "Identification and Conservation of Medicinal Plants"

Year 2023-24

# Attendance

Roll. No.	Name of Student	Th- 30/9	practicle 30/3	06/10	7h.	Th.	Th. 14/10	7h. 20/10	21/10
61.	AWALE PRATIKSHA VILAS	P	P	P	A	P	P	A	P
62.	BABAR ATHARV LAXMAN	P	P	P	P	A	P		A
63.	BABAR SHIVANJALI JAYWANT	P	P	P	P	P	A	P	P
64.	BAKHALE AJINKYA VIKRANT	A	P	A	P	A	P	A	A
65.	BHANAGE VIVEK VIKAS	P	P	P	P	p	P	A	0
66.	BHANDARE SUMIT SANTOSH	P	P.	P	A	P	P	P	P
67.	BHOSALE PRATIK CHANDRAKANT	A	P	P	A	P	P	P	P
68.	CHAVAN KALYANI SATISH	P	A	A	P	p	A	0	D
69.	CHAVAN ROHIT PRAKASH	P	Р	A	P	0	ρ	P	B
70.	CHAVAN RUTUJA ARVIND	P	P	A	0	A	P	A	D
71.	CHAVAN SIDDHARTH SANTOSH	P	P	P	A	P	P	P	0
72.	CHAVAN TEJASWINI RAJESH	P	P	P	P	A	A	P	Ď
73.	CHENGE GANESH DADASO	P	P	P	A	P	A	0	D
74.	DESAI ROHAN ANANDA	P	P	P	P	ρ	P	A	P
75.	DESHMUKH ATHARV SANJAY	P	P	Р	P	A	P	0	D
76.	DHAWALE PRANAV SEVAK	A	P	A	P	A	P	A	R
77.	DOMB SIDDHESH NANDKUMAR	A	P.	P	A	P	P	P	P
78.	DUPATE ADITYA DAYANAND	P	A	A	P	A	P	A	P
79.	GHARE VIRAJ RAJENDRA	A	P	8	P	P	P	P	P
80.	JADHAV MAYURESH RAMDAS	P	P	P	P	p	P	þ	0

BOTANY

Karad \*

# Department of Botany

# Certificate Course in - "Identification and conservation of Medicinal Plants"

Year 2023-24

## **Attendance**

Roll. No.	Name of Student	th 27/10	Th 22/10	practical 28/10	Th 03/10	Th.	8nam		
61	AWALE PRATIKSHA VILAS	P	P	P	P	P	P		
62	BABAR ATHARV LAXMAN	P	P	P	P	Р	P		
63	BABAR SHIVANJALI JAYWANT	P	A	P	A	P	P		
64	BAKHALE AJINKYA VIKRANT	P	P	A	P	P	P		
65	BHANAGE VIVEK VIKAS	P	P	P	p	Ρ	P		
66	BHANDARE SUMIT SANTOSH	P	P	P	ρ	P	P		
67	BHOSALE PRATIK CHANDRAKANT	P	P	P	P	P	P		
68	CHAVAN KALYANI SATISH	P	P	P	P	A	P		
69	CHAVAN ROHIT PRAKASH	P	P	P	P	P	P		
70	CHAVAN RUTUJA ARVIND	R	P	P	P	P.	P		
71	CHAVAN SIDDHARTH SANTOSH	P	P	P	P	P	P		
72	CHAVAN TEJASWINI RAJESH	P	P	P	A	P	P	The same	
73	CHENGE GANESH DADASO	P	P	P	P	P	P		
74	DESAI ROHAN ANANDA	P	ρ	A	P	P	P		
75	DESHMUKH ATHARV SANJAY	P	P	P	P	P	ρ		
76	DHAWALE PRANAV SEVAK	P	P	P	P	0	p		
77	DOMB SIDDHESH NANDKUMAR	P	P	P	P	P	P		
78	DUPATE ADITYA DAYANAND	P	naRan (	2008	p	P	P		
79	GHARE VIRAJ RAJENDRA	P	OP	3	P	ρ	P		M.
80	JADHAV MAYURESH RAMDAS	P	BOTA	100	1	P	P	-81	1

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Hon, Altafhusen Nasiruddin Mulla

General Secretary, Shri Shivaji Education Society's, Board for Higher Education, Karad

Criterion - I

**Curricular Aspects** 

Certificate Course in Identification and conservation of Medicinal Plants

2023-24

Certificates

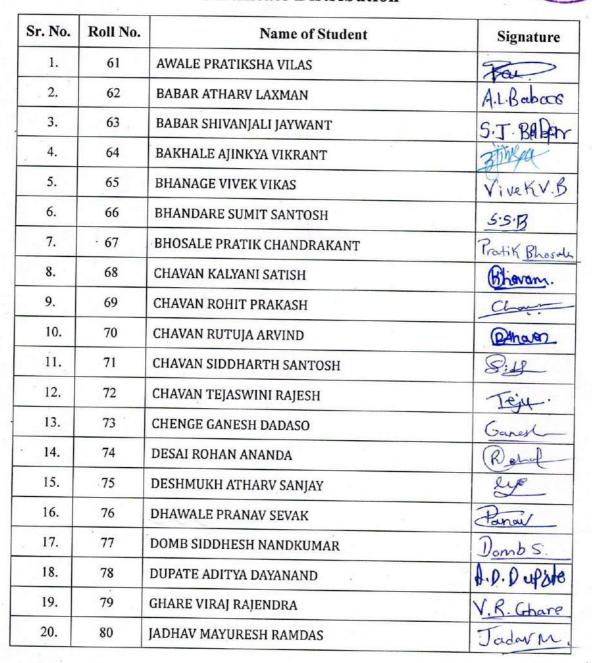
**Department of Botany** 

Certificate course in

# "Identification and conservation of Medicinal Plants"

Year 2023-24

#### Certificate Distribution



Coursednots

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad

Principal

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# **Short Term Course** CERTIFICATE OF COMPLETI

This is to certify that	Mr./Miss. Desai Rohan	Ananda	
of Class B. Sc. I	has Completed Short Term	n Course (3 Months) in 1	dentification and
Conservation of	Medicinal Plants	conducted	l by the department of
Botany	_during the academic year 2023 -	20 24	是历史历史
Course Co-ordnator	Head of Head epartment	IQAC Co-ordinatory ash	wantrao Chavan College of Science, Karad

Head of Head epartment Department of Botany

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Shri Shivaji Education Society, Vidyanagar, Karad Board for Higher Education's, Vidyanagar Karad's

# Yashwantrao Chavan College of Science, Karad

Vidyanagar, Karad - 415 124.
 Reaccredited B<sup>++</sup> Level by NAAC, Bangalore.
 An ISO 9001 : 2015 Certified College





# Short Term Course CERTIFICATE OF COMPLETION

This is to certify that	Mr.7Miss. Chavan	Kalyani	Satish	To the second	
of Class B. Sc. I				n Identification a	nd
Conservation of	medicinal plants		condi	ucted by the department	t of
Botany	_during the academic year 20	023 - 2024		WEIGHT.	
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Course Co-ordnator

Head of the Department Department of Botany

Frincipal Principal

IQAC Co-ordinator Yashwantrae Charan Cipego of Selence, Karan

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# Short Term Course CERTIFICATE OF COMPLETION

This is to certify that	Mr./MissChavan	Kalyani	Satish	Free & Karoda
of Class B.Sc. I	has Completed	Short Term Cou	rse (3 Months) in	Identification
and Conservation	of Medicinal f	funts	conduc	ted by the department of
Botany	_during the academic ye			
				9/1

Course Co-ordnator

Department & Dagianument

IQAC Co-ordinatoryashwantrao Charantesing of Science, Karad