



Koyana Education Society's

Balasaheb Desai College Patan Add on Course Report

Day and Date-5-2-24

Participated Student-36

Duration : 5/2/2024 to 1/3/2024

Venue- Botany Laboratory

Time:- 10.30 a.m. Onwards



Inauguration of Course



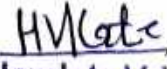
Hands on training for students

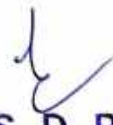
Objective: To inculcate subject oriented skills in students. by knowing information and doing practicals students gets knowledge of Medicinal plants. This knowledge is beneficial students for various purposes. This develops curiosity in students. In view this entire course is useful for students.

Department of Botany organized 15 days Add on course for Botany students named 'Introductory Study of Medicinal and aromatic Plants'. Course conducted from 5/2/2024 to 1/3/2024. Inauguration program has been organized on 5/2/2024 Principal Dr.S.D.Pawar, IQAC head Dr.Hamlata.V. Kate, head of Botany Department Dr.B.V.Jadhav were present. For above said Course Prof Satish Gaikwad, Prof G.B.Kumbhar has given lectures on related topics. Hands on training have been arranged and oral has been taken. Students benefited with course.


Convener

Dr.Manjusha Shinde


Dr.Hemlata V. Kate
Coordinator, IQAC
Balasaheb Desai College, Patan


(Dr. S. D. Pawar)
Principal
Balasaheb Desai College, Patan
Tal.- Patan Dist.- Satara

Notice

1/2/2024

It is informed to all the students of Botany who have taken admission for Add on Course 'Introductory Study of Medicinal and aromatic Plants' that inauguration program is organized on 5/2/2024 at 11.00.am. Immediately after inauguration there will be the first session of course. List of student attached separately. Students are informed that while coming for lecture bring separate notebook for study material. Attendance is compulsory.


Convenor
Head of Department
Head,
Department Of Botany,
Balasaheb Desai College, Patan
Tal- Patan, Dist - Satara

Balasaheb Desai College Patan
Department of Botany ^{study of}
College certificate course in Introductory Medicinal and
Aromatic plants [Add on course]

- Objectives:**
1. identification of medicinal plants of the region.
 2. To study medicinal uses of these plants.
 3. To study various propagation methods.

Duration of the course –lectures and Practical (15 days, every day at 8.00am to 10 am)

Facilities---Infrastructure, Well-equipped laboratory, class room and botanical garden.
Medicinal Plants nursery

Maximum Qualification- B.Sc. Botany 2nd year student

Medium of course--- English and Marathi

Internal Evaluation- Practical --15 marks

Group discussion---10 marks

Total -25 marks

Standard of passing---students will have to obtain 35% marks for passing.

The faculty for the aforesaid course will be as under

1. Regular Faculty
2. Visiting Faculty
3. Guest faculty

Library –the students will be provided library facility.

Paper- 1 Identification, classification of medicinal and aromatic plants.

Unit -1 Systematic study of medicinal and aromatic plants

- A) General account of medicinal and aromatic plant and their importance
- B) Classification and morphological study of following medicinal plants.

1. *Emblica officinalis*
2. *Aloe vera*
3. *Adathoda Zeylanica*
4. *Withania somnifera*
5. *Curcuma longa*
6. *Azadirachata indica*
7. *Osmium sanctum*
8. Brahmi (*Bacopa monnieri*)
9. *Lawsonia inermis*
10. *Butea monosperma*

Unit-2. Techniques of preservation of medicinal plants and aromatic plants.

- a) Explanation of herbarium techniques.
- b) Demonstration of herbarium technique.

Paper -2 cultivation of medicinal and aromatic plants.

Unit-1

- 1) Methods of conservation (ex-situ and in-situ) Lecture.
- 2) Conservation methods in medicinal plant conservation. Practical
 - A. Nursery techniques (use of fertilizers and disease management)
 - B Seed bank

**Unit-2 Advanced methods for medicinal and aromatic plant conservation
(LECTURE AND STUDY TOUR)**

- a. Tissue culture techniques
- b. Hardening and greenhouse techniques.

Convenor

(Dr.M.R.Shinde.)

Head

(Dr.B.V.Jadhav)

Principal

(Dr.S.D.Pawar)

Principal

Balasaheb Desai College, Patan
Tal. Patan, Dist. Satara

List of Practical

- ❖ Garden implements- Garden shear, sickle, cutter, shovel, budding knife, secateurs, water can, pruning knife, sprayer, spade
- ❖ Preparation of potting and repotting
- ❖ Medicinal Plants -External Morphology, part used.
- ❖ Aromatic Plants - External Morphology, part used.
- ❖ Medicinal Uses of Plants and preparation of some basic herbal medicines.
- ❖ Preparation of Nachani satwa.
- ❖ Preparation of henna dye and Aloe gel.
- ❖ Preparation of Gulkand.
- ❖ Visit to Nursery

Balasaheb Desai College Patan 2023-24
Department of Botany
Introductory Study of Medicinal and Aromatic Plants
January -24

Sr. No	Name of Student	Group	Class
1	Amar Shingan	CBZ	B.Sc.II
2	Bhole swetali Arun	CBZ	B.Sc.II
3	Dige Arati Dinkar	CBZ	B.Sc.II
4	Dige Mayuri Sampat	CBZ	B.Sc.II
5	Ghadge Sagar Kalu	CBZ	B.Sc.II
6	Ingale Divya Nilesh	CBZ	B.Sc.II
7	Kadam Shivani Ganesh	CBZ	B.Sc.II
8	Kumbhar Prajakta Manohar	CBZ	B.Sc.II
9	Lohar Prathamesh Sonaji	CBZ	B.Sc.II
10	Molawade Priyanka Eknath	CBZ	B.Sc.II
11	Molawade Shilesh Dinkar	CBZ	B.Sc.II
12	Molawade Sujata Raghunath	CBZ	B.Sc.II
13	More Rutik Ramchandra	CBZ	B.Sc.II
14	Pachupute Anirudha Adhik	CBZ	B.Sc.II
15	Patil Niranjan Dipak	CBZ	B.Sc.II
16	Prabhale Dnyaneshwari Prakash	CBZ	B.Sc.II
17	Sankpal Anish Vasant	CBZ	B.Sc.II
18	Sankpal Sujata Rajendra	CBZ	B.Sc.II
19	Shinde Ahishiek Suresh	CBZ	B.Sc.II
20	Shinde Ankita Sunil	CBZ	B.Sc.II
21	Shinde Dhanshree Ashok	CBZ	B.Sc.II
22	Shinde Sanika Dipak	CBZ	B.Sc.II
23	Shinde Udhav Jalinder	CBZ	B.Sc.II
24	Toraskar Nikita Mahadev	CBZ	B.Sc.II
25	Aishwarya Rajpurohit	PCB	B.Sc.II
26	Meenukumari Dewal	PCB	B.Sc.II
27	Desai Akansha Ajit	BZmi	B.Sc.II
28	Nangare Diksha Vikas	BZmi	B.Sc.II
29	Sathe Siddhesh Narayan	BZmi	B.Sc.II
30	Thorat Nilesh Dinesh	BZmi	B.Sc.II
31	Yadav Pallavi Jijaba	BZMi	B.Sc.II
32	Yadav Tanuja Jaykar	BZmi	B.Sc.II

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Balasaheb Desai College Patan
Department of Botany
College certificate course in Introductory Medicinal and
Aromatic plants [Add on Course]

Board of Studies:

1. Principal Dr. S. D. Pawar, Chairman
2. Dr. Bharatkumar V. Jadhav (Head of Botany Department)
3. Dr. Manjusha R. Shinde --convener
4. Dr. Shekhar. A. Mohite (head of Dept. LBS College Satara)
5. Prof. Satish A. Gaikwad (Head Dept. of Horticulture)

Balasaheb Desai College Patan 2023-24
Department of Botany
Introductory Study of Medicinal and Aromatic Plants
Year 23-24 2/3/2024

Sr. No	Name of Student	Group	Class	Oral /10	Practical/15
1	Amar Shingan	CBZ	B.Sc.II	8	12
2	Bhole Swatali Arun	CBZ	B.Sc.II	9	15
3	Dige Arati Dinkar	CBZ	B.Sc.II	8	14
4	Dige Mayuri Sampat	CBZ	B.Sc.II	9	12
5	Ghadge Sagar Kalu	CBZ	B.Sc.II	8	10
6	Ingale Divya Nilesh	CBZ	B.Sc.II	9	12
7	Kadam Shivani Ganesh	CBZ	B.Sc.II	8	12
8	Kumbhar Prajakta Manohar	CBZ	B.Sc.II	9	13
9	Lohar Prathamesh Sonaji	CBZ	B.Sc.II	8	10
10	Molawade Priyanka Eknath	CBZ	B.Sc.II	9	12
11	Molawade Shilesh Dinkar	CBZ	B.Sc.II	8	13
12	Molawade Sujata Raghunath	CBZ	B.Sc.II	9	14
13	More Rutik Ramchandra	CBZ	B.Sc.II	9	13
14	Pachupute Anirudha Adhik	CBZ	B.Sc.II	9	12
15	Patil Niranjana Dipak	CBZ	B.Sc.II	9	12
16	Prabhale Dnyaneshwari Prakash	CBZ	B.Sc.II	9	12
17	Sankpal Anish Vasant	CBZ	B.Sc.II	9	12
18	Sankpal Sujata Rajendra	CBZ	B.Sc.II	9	13
19	Shinde Ahishiek Suresh	CBZ	B.Sc.II	9	13
20	Shinde Ankita Sunil	CBZ	B.Sc.II	9	13
21	Shinde Dhanshree Ashok	CBZ	B.Sc.II	9	12
22	Shinde Sanika Dipak	CBZ	B.Sc.II	9	12
23	Shinde Udhav Jalinder	CBZ	B.Sc.II	9	12
24	Toraskar Nikita Mahadev	CBZ	B.Sc.II	9	13
25	Aishwarya Rajpurohit	PCB	B.Sc.II	9	14
26	Meenukumari Dewal	PCB	B.Sc.II	8	12
27	Desai Akansha Ajit	BZmi	B.Sc.II	9	12
28	Nangare Diksha Vikas	BZmi	B.Sc.II	9	12
29	Sathe Siddhesh Narayan	BZmi	B.Sc.II	9	12
30	Thorat Nilesh Dinesh	BZmi	B.Sc.II	9	13
31	Yadav Pallavi Jijaba	BZMi	B.Sc.II	9	13
32	Yadav Tanuja Jaykar	BZmi	B.Sc.II	8	12


 (Course coordinator)

Add on Course

February - 24

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February - 24

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Inauguration Program



Hands on training



Practical Session



Guest Lectures conducted during course