



NAAC RE-ACCREDITED WITH 'A' GRADE

## **Sevalal Mahila Mahavidyalaya**

**Place for Higher Learning & Research (Research  
Academy) Sakkardara Square, Umrer Road, Nagpur-440  
024**

**E-mail: [sevamahilamv@gmail.com](mailto:sevamahilamv@gmail.com)**

**Website: [www.sevalalmahilamahavidyalaya.ac.in](http://www.sevalalmahilamahavidyalaya.ac.in)**

## **Certificate Course *in* Kitchen Gardening**

**Academic Session: 2023-2024**

***Department of Biology***

## **Report of Certificate Course in Kitchen Gardening**

Kitchen gardening can be as simple as setting up a few pots by a sunny window or utilizing a small plot of land in your yard.

Living in a big city means having a small home without a front or backyard.

Kitchen gardening is an enjoyable and rewarding activity where you grow your own vegetables, herbs, and fruits. This type of gardening is done in a small area, like a balcony, terrace, or even a window sill. It's like having a tiny farm right in your home!

Growing your own food ensures freshness and quality. When you have a kitchen garden at home, you have complete control over how your plants are grown. You can choose to use organic soil and natural fertilizers to grow them. This means that the vegetables and herbs you harvest will be free from harmful chemicals and pesticides.

Growing your own food at home in your kitchen garden in India saves money because you don't have to buy it from the store all the time.

Moreover, kitchen gardening promotes a healthier lifestyle by providing pesticide-free and organic options for consumption. You can enjoy the satisfaction of eating fresh vegetables straight from your kitchen garden without worrying about any harmful chemicals that may be present in commercially grown produce.

Not only does kitchen gardening benefit your physical health but it also has positive effects on mental well-being. Engaging with nature through planting and nurturing plants can be incredibly therapeutic and calming. It helps us to relax and feel connected to nature.

Department of Biology conducted a Certificate course in **Kitchen Gardening** in academic session 2023-2024. Total 20 (Twenty) students were admitted to the course. Accordingly, course was conducted from 1<sup>st</sup> January 2024 to 31<sup>th</sup> March 2024. The Theory and Practical classes has been taken for the students.

Examination was conducted on 24<sup>th</sup> April, 2024. Subsequently, the certificates were distributed among the enrolled students.

### **AIMS AND OBJECTIVES:**

To introduce students to establish a Kitchen Garden can have following Aims and Objectives -

1. Immense role in tackling the problem of malnutrition and micronutrients deficiencies in family.
2. Women are the main care-takers of the garden, and kitchen garden empowers them, ensures better utilization of the income for food and increases family welfare.
3. Kitchen gardening decreases expenditure for vegetables, increase supply variety of vegetables.
4. Increases crop diversity area of kitchen gardening.
5. Improves self-esteem and motivation.
6. Increase community connection after starting kitchen gardening activity.
7. Improves social environment.

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Place for Higher learning & Research (Research Academy)  
Sakkardara Chowk, Umrer Road, Nagpur-440024

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Date – 01-12-2023


**NOTICE**

All the members of the Department of Biology are hereby informed that the meeting regarding the Certificate course, Kitchen Gardening, has been scheduled on 04-12-2023 at 01.00 pm at the Hon'ble Principal's Chamber. All the members are request to remain presents for the meeting.

Hon. Principal Sir will chair the meeting in presence of Dr. A. P. Lambat, NAAC Co-ordinator.

**Agenda of the meeting:**

- 1) To commence the Certificate Course on Kitchen Gardening.
- 2) To Frame the syllabus of the course
- 3) Any other matter with the permission of the Chair.

  
Dr. Mrs. J.S. Ramteke  
Course Co-ordinator

**Copy to:**  
Dr. A.P.Lambat, NAAC Coordinator

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Place for Higher learning & Research (Research Academy)

Sakkardara Chowk, Umrer Road, Nagpur-440024

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**Minutes of the Meeting**

*Certificate course on Kitchen Gardening*

The meeting regarding the Certificate course on Kitchen Gardening, was held on 04-12-2023 at 01.00 pm in the Hon'ble Principal's Chamber. Hon'ble Principal Sir presided over the meeting.

**Agenda of the meeting:**

- To commence the Certificate Course on Kitchen Gardening.
- To frame the syllabus of the course.
- Any other matter with the permission of the Chair.

**Following Members were present.**

- Prof. Pravin Charde, Principal Chairman
- Dr. Ashish Lambat IQAC Coordinator
- Dr. Mrs. J.S Ramteke Course Coordinator
- Prof. R. D. Gadewar Member

Dr. Mrs.J.S.Ramteke, Course Coordinator acted as Secretary in the meeting. The Coordinator welcomed the Chairperson, Hon'ble Principal and other members and called the meeting in order with the permission of chairperson.

The Coordinator read out the agenda of the meeting and subsequently discussed the matter.

**Item No.1:** To commence the Certificate course on Kitchen Gardening.



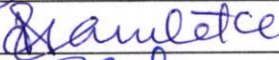
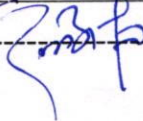
**Resolution:** It was decided to commence the Certificate course on Kitchen Gardening from the Session 2023-2024.

**Item No.2 :** To Frame the syllabus of the course.

**Resolution:** Hon'ble Principal expressed his views regarding the framing of course syllabus Dr. Mrs. J.S. Ramteke to prepare syllabus of the certificate course on Kitchen Gardening.

**Item No.3:** Any other matter with the permission of Chair.

**Resolution:** As there was no other matter for further discussion, the Coordinator sum up the meeting by expressing thanks for everyone's gracious attendance.

Name	Signature
1. Prof. Pravin Charde	
2. Dr. Ashish Lambat	
3. Dr. Mrs. J.S. Ramteke	
4. Prof. R. D. Gadewar	

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## SEVADAL MAHILA MAHAVIDYALAYA

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Date – 14-12-2023

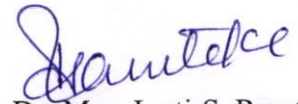
### NOTICE

All the members of the Department of Biology are hereby informed that the meeting regarding the Certificate course on Kitchen Gardening has been conducted on 18-12-2023 at 01.00 PM at the Hon'ble Principal's Chamber. All the members are request to remain presents for the meeting.

Hon'ble Principal Sir will chair the meeting in presence Dr. A. P. Lambat NAAC Coordinator.

#### Agenda of the meeting:

- 1) To confirm the minutes of the last meeting.
- 2) To review the progress of framing the syllabus of Kitchen Gardening
- 3) To arrange the Visit to Nursery.
- 4) Any other matter with the permission of the Chair.



Dr. Mrs. Jyoti S. Ramteke  
Course Co-ordinator

#### Copy to:

Dr. A.P.Lambat, NAAC Co-ordinator

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## **SEVADAL MAHILA MAHAVIDYALAYA**

Place for Higher learning & Research (Research Academy)

Sakkardara Chowk, Umrer Road, Nagpur-440024

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### **Minutes of the Meeting**

#### **Certificate course on Kitchen Gardening**

The meeting regarding the Certificate course on Kitchen Gardening, was held on 18-12-2023 at 01.00 pm in the Hon'ble Principal's Chamber. Hon'ble Principal Sir presided over the meeting.

#### **Agenda of the meeting:**

- 1) To confirm the minutes of the last meeting.
- 2) To review the progress of framing the syllabus of **K i t c h e n  
G a r d e n i n g**
- 3) Any other matter with the permission of the Chair.

#### **Following Members were present.**

- |                          |                    |
|--------------------------|--------------------|
| 1) Prof. Pravin Charde,  | Principal Chairman |
| 2) Dr. Ashish Lambat     | IQAC Coordinator   |
| 3) Dr. Mrs. J.S. Ramteke | Course Coordinator |
| 4) Prof. R.D. Gadewar    | Member             |

Dr. Jyoti Ramteke, Course Coordinator acted as secretary in the meeting. The Coordinator welcomed the Chairperson, Hon'ble Principal and other members and called the meeting in order with the permission of chairperson. The Coordinator read out the agenda of the meeting and subsequently discussed the matter.

- 1) Item No.1: To confirm the minutes of the last meeting.

Resolution: The minutes of the last meeting held on 04-12-2023 were read by the course coordinator and subsequently the minutes were unanimously approved.



- 2) Item No.2: To review the progress of framing the syllabus of Kitchen Gardening.

Resolution: Course coordinator tabled the newly framed syllabus of Certificate course on Kitchen Gardening in the meeting. After Thorough discussion it was approved unanimously.

- 3) Item No.3: To arrange the Educational Visit.

Resolution: The Chairperson has advised to organized a Visit as per the specification of the curriculum. The Resolution was passed unanimously.


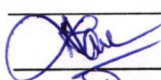
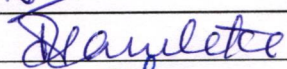
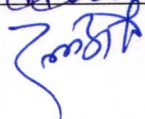
- 4) Item No.4: Any other matter with the permission of Chair.

Resolution: Hon'ble Principal directed the coordinator to start admission for the students. As there was no other matter discuss, the meeting was concluded vote of thanks by the coordinator of the course.

Name

Signature

- 1) Prof. Pravin Charde  
2) Dr. Ashish Lambat  
3) Dr. Mrs. J.S. Ramteke  
4) Prof. R. D. Gadewar

  
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**Department of Biology**  
**(Faculty of Home Science)**

**CERTIFICATE COURSE on KITCHEN GARDENING**

Course Duration	: Three Months (January to March)
Eligibility criterion for Admission	: 12 <sup>th</sup> Passed in any stream.
Medium of Instruction	: English/Marathi/Hindi
Total no. of paper	: Theory Paper -1 (Two lectures in a week)
Evaluation Scheme	: Total Marks - 100 : Theory Paper -60 : Practical - 20
Minimum Passing	: Internal Assessment Marks: 20 : Theory - 30 : Practical- 1

## **SYLLABUS**

### **CERTIFICATE COURSE ON KITCHEN GARDENING**

#### **OBJECTIVES:**

1. Kitchen gardening decreases expenditure for vegetables
2. It increase Nutritious variety of vegetables.
3. Improves self-esteemed and motivation.
4. Starting kitchen gardening activity increases community connection.

#### **COURSE CONTENT**

##### Unit-I

1. Preparation of nursery beds for sowing of vegetable seeds.
2. Digging of pits for vegetable plants, planting systems, training and pruning.
3. Preparation of fertilizer mixtures and field application.

##### Unit-II

1. Preparation and application of growth regulators, layout of different irrigation systems.
2. Identification and management of nutritional disorder in fruits, assessment of bearing habits, maturity standards, harvesting, grading, packaging and storage.

##### Unit- III

1. Preparation of nursery beds and sowing of seeds.
2. Preparation of plant material for potting.
3. Hardening plants in the nursery.

##### Unit- IV

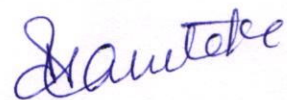
1. Practicing different types of cuttings, layering, graftings and buddings including opacity and grafting .
2. Preparation growth regulators for seed germination and vegetative propagation.

### PRACTICALS

1. Identification of tools and implements
2. Layout of nutrition garden.
3. Preparation of nursery beds for sowing of vegetable seeds
4. Digging of pits for fruit plants
5. Study of planting systems
6. Preparation of fertilizer mixtures and field application.
7. Study of harvesting and grading of horticultural crops
8. Study of packaging and storage of horticultural crops
9. Study of different media for plant propagation.
10. Preparation of nursery beds and sowing seeds.
11. Potting reporting and preparation of plant material for potting.
12. Practicing different types of cutting, layering
13. Practicing different budding method.
14. Practicing different grafting methods.

### Internal Assessment

1. Visit to Horticulture laboratory.
2. Visit to established model Govt. and Private Nurseries of adjoining area.



Dr. Mrs. J. S. Ramteke  
Course co-ordinator

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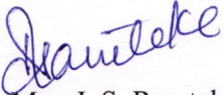
## Sevadal Mahila Mahavidyalaya


Place for Higher Learning & Research (Research Academy)

Sakkardara Square, Umrer Road, Nagpur-440 024

**DEPARTMENT OF BIOLOGY**  
**CERTIFICATE COURSE on KITCHEN GARDENING**  
**Academic Session : 2023-2024**  
**Student List**

Sr.No.	Name of the Student
1	Ku. Janhvi Narendra Paithane
2	Ku. Anamika Laxam Kosre
3	Ku. Manaswi Anil Selwatkar
4	Ku. Karishma Chandrakumar Patle
5	Ku. Ruchika Vilas Bhongale
6	Ku. Saba Anjum Moin Qureshi
7	Ku. Mahevish Israil Sheikh
8	Ku. Trisha Prakash Bhonde
9	Ku. Neha Sanjay Katkade
10	Ku. Nikki Ashokkumar Shahu
11	Ku. Vaishnavi Rakesh Saywan
12	Ku. Prachi Ramchandra Bante
13	Ku. Pratiksha Vikas Pantawane
14	Ku. Reshma Salim Sheikh
15	Ku. Sakshi Chandrakant Dhawangale
16	Ku. Sana Firdous Wasim Farooque
17	Ku. Shaistunnisa Shahabuddin Khan
18	Ku. Sonal Sanjay Birole
19	Ku. Tanu Suresh Kumbhakkar
20	Ku. Tulsi Shrikant Paturkar

  
Dr. Mrs. J. S. Ramteke  
Course Co-ordinator

  
(Prof. Pravin Charde)  
Principal  
Sevadal Mahila Mahavidyalaya, Nagpur

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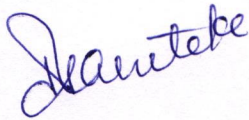
Date-10-04-2024

**NOTICE**

All the students of B.Sc. Home Science certificate course on 'Kitchen Gardening' are hereby informed that Final Time Table of Theory & Practical.

Examination of Certificate Course 2024 is as under:

Date	Time	Name of paper
19/04/20 24	11.00am. to 2.00pm.	Practical Biology Lab.
20/04/20 24	11.00am. to 2.00pm.	Theory Paper Room No.310



(Dr. Mrs. J. S. Ramteke)  
Course Co-ordinator



Dr. Pravin Charde  
Principal  
Sevadal Mahila Mahavidyalaya Nagpur

**SEVADAL MAHILA MAHAVIDYALAYA, NAGPUR**  
**Examination Certificate course on Kitchen Gardening**  
**Summer- 2024**

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**Time-3 Hours**

**Marks:60**

Note: 1) Answer any Six Questions.

2) All question carry equal marks.

- |   |    |
|---|----|
| Q.1) Write about your interest in Kitchen Gardening.                | 10 |
| Q.2) Write Layout of Kitchen Garden.                                | 10 |
| Q.3) Explain the Tools and their working.                           | 10 |
| Q.4) Explain the precautions to be taken during selection of seeds. | 10 |
| Q.5) Explain Traditional method of sowing.                          | 10 |
| Q.6) Explain the cultivation process of Cauliflower.                | 10 |
| Q.7) Draw a plan of kitchen garden. (Used Plain paper)              | 10 |

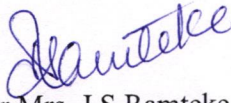
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# Sevadal Mahila Mahavidyalaya

Place for Higher Learning & Research (Research  
Academy) Sakkardara Square, Umrer Road,  
Nagpur-440 024

**DEPARTMENT OF BIOLOGY**  
**CERTIFICATE COURSE ON KITCHEN GARDENING**  
**ACADEMIC SESSION : 2023-2024**  
**MARK SHEET**

Sr.No.	Name of the Students	Theoy (60)	Practical (20)	Internal Assessment(20)	Total (100)	Words
1	Ku. Aachal Marotrao Kodwate	32	18	19	69	Sixty nine
2	Ku. Anamika Laxam Kosre	35	18	20	73	Seventy three
3	Ku. Anjali Prakash Jadhav	42	18	20	80	Eighty
4	Ku. Karishma Chandrakumar Patle	30	17	19	66	Sixty six
5	Ku. Lina Damodhar Bawane	50	20	20	90	Ninety
6	Ku. Madhuri Rajkumar Satule	45	19	20	84	Eighty four
7	Ku. Mahevish Israil Sheikh	35	17	20	72	Seventy two
8	Ku. Manshi Dinesh Pedulwar	34	16	19	69	Sixty nine
9	Ku. Neha Sanjay Katkade	44	19	20	83	Eighty three
10	Ku. Nikki Ashokkumar Shahu	45	19	20	84	Eighty four
11	Ku. Nandini Gopal Jangade	45	19	20	84	Eighty four
12	Ku. Prachi Ramchandra Bante	42	18	20	80	Eighty
13	Ku. Pratiksha Vikas Pantawane	42	19	20	81	Eighty one
14	Ku. Reshma Salim Sheikh	42	20	20	82	Eighty two
15	Ku. Sakshi Chandrakant Dhawangale	44	19	20	83	Eighty three
16	Ku. Sana Firdous Wasim Farooque	50	20	20	90	Ninety
17	Ku. Shaistunnisa Shahabuddin Khan	44	19	20	83	Eighty three
18	Ku. Sonal Sanjay Birole	49	20	20	89	Eighty nine
19	Ku. Tanu Suresh Kumbhakar	43	19	20	82	Eighty two
20	Ku. Tulsi Shrikant Paturkar	45	19	20	84	Eighty four

  
Dr. Mrs. J.S. Ramteke  
Course Co-ordinator

  
(Prof. Pravin Charde)  
Principal  
Sevadal Mahila Mahavidyalaya, Nagpur



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Date-16-04-2024

**NOTICE**

All the members of the Department of Textile and Clothing are hereby informed that the meeting regarding the Certificate course in **kitchen Gardening** has been conducted on 22-04-2024 at 01.00 pm at the Hon'ble Principal's Chamber. All the members are request to remain presents for the meeting.

Hon'ble Principal Sir will chair the meeting in presence of Dr.A.P.Lambat, NAAC Coordinator.

**Agenda of the meeting:**

- 2) To confirm the minutes of the last meeting.
- 3) To review the progress of the course '**Kitchen Gardening**'.
- 4) Any other matter with the permission of the Chair.



Dr. Mrs. J.S.Ramteke  
Course Coordinator

**Copy to:**

Dr. A.P.Lambat , NAAC Coordinator

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**Minutes of the Meeting**  
**Certificate course in 'Kitchen Gardening'**

The meeting regarding the Certificate course in Kitchen Gardening, was held on 22-94-2024 at 01.00 pm in the Hon'ble Principal's Chamber. Hon'ble Principal Sir presided over the meeting.

**Agenda of the meeting:**

- 1) To confirm the minutes of the last meeting.
- 2) To review the progress report of the Certificate course Kitchen Gardening.
- 3) Any other matter with the permission of the Chair.

**Following Members were present.**

- |                          |                     |
|--------------------------|---------------------|
| 1. Prof. Pravin Charde,  | Principal Chairman  |
| 2. Dr. Ashish Lambat     | IQAC Coordinator    |
| 3. Dr. Mrs. J.S. Ramteke | Course Co-ordinator |
| 4. Dr. R.D.Gadewar       | Member              |

Dr. Mrs. J.S.Ramteke, Course Coordinator acted as secretary in the meeting. The Coordinator welcomed the Chairperson, Hon'ble Principal and other members and called the meeting in order with the permission of chairperson. The Coordinator read out the agenda of the meeting and subsequently discussed the point according to the agenda of the meeting.



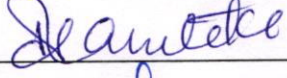
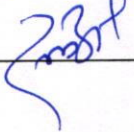
- 1) Item No.1: To confirm the minutes of the last meeting.  
Resolution: The minutes of the last meeting held on 18-12-2023 were read by the course coordinator and after through discussion the minutes were unanimously approved.

2) Item No.2: To arrange the Visit.

Resolution: To arrange the visit to Plant Nursery in March 2024.

3) Item No.4: Any other matter with the permission of Chair.

Resolution: Hon'ble Principal Sir instructed to distribute certificates to the students on the accomplishment of certificate course.

Name	Signature
1) Hon'ble Prof. Pravin Charde	 _____
2) Dr. A.P. Lambat	 _____
3) Dr. Mrs. J.S.Ramteke	 _____
4) Dr. R.D.Gadewar	 _____

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## Sevadal Mahila Mahavidyalaya

Place for Higher Learning & Research (Research Academy)  
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Date: 01-12-2023

### Notice

All the students of B.Sc. Home Science are hereby informed that the Certificate course in '**Kitchen Gardening**' run by Department of Biology. The duration of these are as follows:

#### Certificate course - Three Months

Certificate Course will commence from 1<sup>st</sup> January 2024. Interested students should enroll their names to the following Teachers on or before 30<sup>th</sup> December 2023.

- 1) Dr. Mrs. J. S. Ramteke
- 2) Dr. A. P. Lambat
- 3) Dr. R.D. Gadewar

Prof. Pravin Charde  
Principal  
Sevadal Mahila Mahavidyalaya  
Nagpur