



Shri shivaji Education Society's,
MAHASATEE ARTS, COMMERCE & SCIENCE COLLEGE,
ULGA, KARWAR
DEPARTMENT OF BOTANY

**ADD ON CERTIFICATE COURSE IN
NURSERY AND GARDNING**
LAST DATE FOR ENROLLMENT
22-11-2023

Gardens bloom, and so does our future—green today, healthy tomorrow!





Shri Shivaji Education Society's,
Mahasate Arts, Commerce and Science College, Ulaga, Karwar
Uttar Kannada, Karnataka-581328

Ref:MACS/2023-24/

DATE: 16-11-2023

Proceeding of BOS meeting of Ad-on Course

Proceedings of the meeting of BOS of Add on course Entitled **Nursery and Gardning** By the Dept. of Botany, held on 17-11-2023 at 3.30 pm in IQAC Room Agenda:

1. To approve the Ad-on courses
2. To frame syllabus for Ad-on courses
3. Implementation of Ad-on courses
4. Preparation of Time Table
5. Conduction of course, class/Exams

The following members were present:

1. Dr.V.V.Nayak-Principal Charman
2. Dr.I.R.Kajagar.Dept.of Pol-Science- Convener
IQAC Co-ordinator
3. Smt.S.S.Gaonkar.HOD of Economics-Member
4. Smt.Roopa D.Kudtarkar.HOD,Commerce-Member
5. Shri.Prasad S. Naik, FDC-Member
6. Shri.Raghavendra Shet- Entrepreneur
7. Shri.Sudheer Nagekar-ember-Alumni

Resolutions:

1. Read and confirmed the minutes of last meeting held on 17-10-2023. After detailed discussion the following resolutions were passed as under:

1. The panel of BOS scrutinized Add on course and finalized
2. The panel of BOS of Add on course recommended the syllabus model of different Add on course
3. The members expressed that Time table should be stipulated on Sunday and working days.
4. The panel of BOS of Add on course is approved to implement all the Add on courses as early as possible.

The meeting was concluded with the chairman thanking all the members for their active participation and co-operation.



Chairman Bos of Add-on Course

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ನ್ಯಾಕನಿಂದ "ಬಿ" ಮಾನ್ಯತೆ ಪಡೆದಿದೆ

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Accredited by NAAC with "B" Grade Phone:08382-257033
E-mail:sesmahasateek@gmail.com Website:www.sesmacs.co.in

Date: 17-11-2023

DEPARTMENT OF BOTANY

STUDENT NOTICE

This is to inform all the students of B.Sc that Department of Botany is organizing an Add-on Certificate program in "NARSERY & GARDNING" from the 23rd NOVEMBER-2023.

Interested student should immediately contact Prof V.V. Naik, Head of the Botany Department on or before 22nd NOVEMBER-2023.

for further details in connection with the time Table or other related matters.

Sign. of HOD Botany



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E-mail:sesmahasateek@gmail.com Website:www.sesmacs.co.in

Date:22-11-2023

DEPARTMENT OF BOTANY

STUDENT NOTICE

This is to inform all the students who have registered their name for the Add on Certificate course on "NARSERY & GARDNING" classes will start from 23rd NOVEMBER-2023.

Add on Certificate course on "NARSERY & GARDNING" classes will engaged at 4.00pm to 5.00pm on all working days.

HOD
Department of Botany



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DEPARTMENT OF BOTANY

Add-on Certificate course-2023-24

List of students enrolled for "NURSERY AND GARDENING"

Sl.No	Name of the Students
1	Miss. Annapurna. N. Gunagi
2	Miss. Siddhi. S. Gouda
3	Miss. Sushma. R. Gaonkar
4	Miss. Rashika. E. Kotharkar
5	Sri. Vaibhav. V. Devadas
6	Sri. Amith. A. Talekar
7	Miss. Pratiksha. S. Kankonkar
8	Miss. Aishwarya. S. Pednekar
9	Sri. Akshay Shantaram Naik
10	Sri. Narendra suresh yellekar
11	Sri. Prakash Hanamant Bevoor
12	Miss. Bhagyalaxmi Shankar Kundapur
13	Sri. Muttanna Hanumantaraya Police patil
14	Sri. Sujal Anandu wagdhare
15	Miss. Saniya Ibrahim Shaikh
16	Sri. Santosh. K. Gavada
17	Miss. Swati. U. Kankonkar
18	Miss. Pooja. P. Pagi
19	Sri. Rahul. D. Naik
20	Sri. Roshan. S. Bandekar
21	Sri. Shivanand. K. Achari
22	Sri. Pranay. B. Naik



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Ulga, Karwar

DEPARTMENT OF BOTANY
ADD-ON COURSE: NURSERY AND GARDENING

(Total Teaching Hours-30)

Course Outcome

After completion of the course, students will be able to:

- 1: Apply the basic principles and components of gardening
- 2: Conceptualize Propagation Techniques and bio-aesthetic planning.
- 3: Establish and maintain gardens.

SYLLABUS

UNIT I

08 Hours.

Principles of Nursery and Gardening.

Vegetative propagation techniques

Natural propagation methods: Suckers, Rhizome, Tuber, Corm, Bulb, Runners.



Artificial propagation methods: Cuttings, Ground layering, Airlayering,
T-Budding and Grafting.

Sexual method of propagation: Seed.

UNIT III 10 Hours.

Diversity of ornamental plants: Herbs, Shrubs, Climbers, Creepers, Foliage plants, Ferns, Grasses and Cactus succulents, Avenue trees

Garden Maintenance.

Visit to commercial Nursery

Tools, Implements and Containers used in Nursery and Gardening techniques.

Types of Growing Medium & Use of Organic Manures, Inorganic Fertilizers.

Common pests, diseases and their control measures in Nursery and Garden Plants

UNIT II

12 Hours.

Books recommended.

Bose T.K. & Mukherjee D., 1972, Gardening in India, Oxford & IBH Publishing Co., New Delhi.

Edmond Musser & Andres, Fundamentals of Horticulture, McGraw Hill Book Co., New Delhi.

Hartmann and Kester, 2010. Plant Propagation: Principles and Practices. Pearson Publisher.

Randhawa, G.S. and Mukhopadhyay, A. 1986. Floriculture in India. Allied Publishers.

Sandhu, M.K., 1989, Plant Propagation, Wile Eastern Ltd., Bangalore, Madras.




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Affiliated to Karnatak University Dharwad

**IQAC Initiative
ADD-ON COURSE**

Conducted by

**DEPARTMENT OF BOTANY
NURSERY AND GARDENING TECHNIQUE**

This is to certify that Mr./Ms Rahul P. Naik

Class B.Sc III satisfactorily completed the course during the year 2023-24


HOD. BOTANY


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IQAC Initiative
ADD-ON COURSE
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DEPARTMENT OF BOTANY
NURSERY AND GARDENING TECHNIQUE

This is to certify that Mr./Ms. Annapurna N. Gunagi

Class B.Sc III satisfactorily completed the course during the year 2023-24


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