



OPEN/GENERAL ELECTIVE COURSE: INDOOR GARDENING

Open for First Year Graduate Student w.e.f. 2023-24

**RECOMMENDED BY THE BOARD OF STUDIES IN BOTANY
AND**

APPROVED BY THE ACADEMIC COUNCIL

Devrukh Shikshan Prasarak Mandal's

Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and
Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh.
Tal.Sangmeshwar, Dist. Ratnagiri-415804, Maharashtra, India

Academic Council Item No: 3 dated 08/07/2023

Name of the Implementing Institute	:	Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh. Tal. Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Bachelor of Science/Arts/Commerce
Name of the Class to Which the course is Open	:	First Year, Semester First
No. of Credits	:	02
Title of the Course	:	Indoor Gardening
Course Code	:	BTOE102
Passing Marks	:	40%
Nature of Course	:	Open/General Elective Course
Level	:	UG
Pattern	:	60:40
Status	:	Multidisciplinary- Open to all in the First Year
To be implemented from Academic Year	:	2023-2024

Syllabus for Open/General Elective Course in Indoor Gardening
(With effect from the academic year 2023-2024)

SEMESTER-I

Paper No.– I

Course Title: Indoor Gardening

No. of Credits - 02

Type of Vertical: Open/General Elective

COURSE CODE: BTOE102

Learning Outcomes Based on BLOOM's Taxonomy:

After completing the course, the learner will be able to...		
Course Learning Outcome No.	Blooms Taxonomy	Course Learning Outcome
CLO-01	Remember	Recall indoor plants, suitable containers, soils and growth media to grow them
CLO-02	Understand	Explain different methods and techniques of potting, repotting of indoor plants
CLO-03	Apply	Present the understanding to control and manage the insect pests affecting indoor plants.
CLO-04	Analyse	Differentiate various types of indoor gardens
CLO-05	Evaluate	Justify the significance of indoor gardening and it's components.

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(With effect from the academic year 2023-2024)

SEMESTER-I

Paper No.– I

Course Title: Indoor Gardening

No. of Credits - 02

Type of Vertical: Open/General Elective

COURSE CODE: BTOE102

COURSE CONTENT			
Module No.	Content	Cr	L
I	1. Study of different Indoor plants: Foliage and flowering plants. 2. To Study of different types of containers and equipments used in indoor gardening. 3. Selection of soil and media for indoor plants. 4. To Study different methods of application of plant growth regulators. 5. Types of accessories used in indoor gardening. 6. Methods of growing indoor plants: Potting. 7. Technique of Repotting of indoor plants.	01	30
II	8. Care and Maintenance of Indoor plants. 9. Insect pest and their control. 10. Preparation of Terrarium/ Bottle Garden. 11. Preparation of Dish Garden. 12. Preparation of kokidama. 13. Techniques of Growing indoor plants in Different Medias. (Soil, Sand, Sphagnum moss etc.)	01	30
Total		02	60

Required Previous Knowledge

Basic Knowledge of gardening practices is necessary before starting to learn the course

Access to the Course

The course is available for all the students admitted for Bachelor Degree as Open elective. The students seeking admission to this course considering the terms and conditions laid down by the University of Mumbai, the Government of Maharashtra, and the college, from time to time.

Forms of Assessment

The assessment of the course will be of Diagnostic, Formative and Summative type. At the beginning of the course diagnostic assessment will be carried out. The formative assessment will be used for the Continuous Internal Evaluation whereas the summative assessment will be conducted at the end of the term. The weightage for formative and summative assessment will be 60:40. The pattern will be followed as decided in Academic Council of the College.

Grading Scale

The grading scale used is O to F. Grade O is the highest passing grade on the grading scale, and grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

Reference Books:

1. Complete Gardening in India – Gopal Swamiengar
2. Complete Home Gardening – Dey, S.C.
3. Floriculture and Landscaping – Bose, T.K.
4. Floriculture and Landscaping – Deshraj
5. Floriculture in India – Randhawa and Mukhopadhyay
6. Introduction to Landscaping, Designing, Construction and Maintenance – Ronald J. Biondo and Charles B. Schroder
7. Landscape Gardening & Design with Plants – Supriya Kumar Bhattacharjee
8. Landscaping principles and practices – Jack E. Ingels
9. The Art of Home Landscaping. Eckbo, G. 1956