



FIRST-YEAR OF BACHELOR OF VOCATIONAL MAJOR SUSTAINABLE AGRICULTURE REVISED SYLLABUS ACCORDING TO CBCS NEP2020

COURSE TITLE: GARDNER CUM NURSERY RAISER II (PRACTICAL)
SEMESTER-II, W.E.F. 2024-2025

**RECOMMENDED BY THE BOARD OF STUDIES IN BVOC (SA) AND
APPROVED BY THE ACADEMIC COUNCIL**

DevrukhShikshanPrasarakMandal's

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

Academic Council Item No: _____

Name of the Implementing Institute	:	Nya. TatyasahebAthalye Arts, Ved. S. R. Sapre Commerce and Vid. DadasahebPitre Science College (Autonomous), Devrukh. Tal.Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Bachelor of Vocation (Sustainable Agriculture)
Name of the Department	:	Science
Name of the Class	:	First Year
Semester	:	Second
No. of Credits	:	02
Title of the Course	:	Gardner Cum Nursery Raiser II (Practical)
Course Code	:	B108SAP
Name of the Vertical in adherence to NEP 2020	:	Major and Minor
Eligibility for Admission	:	Any 12 th Pass and/or Diploma in agriculture seeking Admission to Degree Programme in adherence to Rules and Regulations of the University of Mumbai and Government of Maharashtra
Passing Marks	:	40%
Mode of Assessment	:	Formative and Summative
Level	:	UG
Pattern of Marks Distribution for TE and CIA	:	60:40
Status	:	NEP-CBCS
To be implemented from Academic Year	:	2024-2025
Ordinances/Regulations(if any)	:	

Syllabus for First Year of Bachelor of Vocation in Sustainable Agriculture

(With effect from the academic year 2024-2025)

SEMESTER-II

Paper No.–

Course Title: Gardner Cum Nursery Raiser II (Practical)

No. of Credits – 0

Type of Vertical: Major and Minor

COURSE CODE:B108SAP

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 plant names, characteristics, and growth requirements.
CLO-02	Understand	Understand the principles of organic and inorganic pesticides for effective pest control.
CLO-03	Apply	Apply knowledge of planting schedules to maintain a proper inventory of plants
CLO-04	Analyse	Evaluate the demand and supply dynamics of nursery products in the market.
CLO-05	Evaluate	Assess the effectiveness of marketing channels for planting materials.
CLO-06	Create	Develop entrepreneurship skills through the creation of a business plan.

Syllabus for First Year of Bachelor of Vocation in SA

(With effect from the academic year 2024-2025)

SEMESTER- II

Paper No.–

Course Title: Gardner Cum Nursery Raiser II (Practical)

No. of Credits - 02

Type of Vertical: Major and Minor

COURSE CODE: B108SAP

COURSE CONTENT			
Module No.	Content	Credits	No. of Lectures
1	<p>Carryout maintenance of nursery</p> <ul style="list-style-type: none"> ● Carry out routine nursery maintenance related activities. ● Monitor watering of plants and proper drainage systems to prevent logging. ● Know about organic and inorganic pesticides and insecticides and timely spray to control infestation of insects, pests and diseases. ● Carry out waste water treatment in an adequate manner as per instruction. ● Adhere to planting schedules ● Maintain inventory of number of plants, gardening tools and equipments ● Undertake grading, packaging and transportation of planting materials ● Manage various nursery waste material/ disposal through composting. 	01	30
2	<p>Developing entrepreneurship skills</p> <ul style="list-style-type: none"> ● Work out the feasibility & viability of setting up of micro-enterprises ● Assess demand & supply of products/services in the market ● Seek information regarding subsidies/loan available through govt institutions ● Avail loan from the financial institutions ● Identify & develop appropriate marketing channels ● Track prices prevailing in the market and formulate competitive pricing mechanism ● Maintain book of accounts ● Calculate B:C ratio ● Comply with relevant regulations in marketing & sale of the produce ● Deal effectively with all the stakeholders ● Continuously improve & streamline the Processes ● Look out for new opportunities 	01	30

	Total	02	60
--	-------	----	----

Required Previous Knowledge

No previous Knowledge is required.

Access to the Course

The course is available for all the students admitted for Bachelor of Vocation (SA) as a Major or a minor. The students seeking admission in other disciplines may select the course as a minor 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 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 detailed pattern is as given below.

Term End Evaluation (30 Marks)

Question Paper Pattern

Time: 1.5 hours

Question No.	Unit/s	Question Pattern	Marks
Q.1	All	Practical Exam	30
Total			30

Internal evaluation (20 Marks)

Sr. No.	Description	Marks
1	Active Participation in teaching learning Process	5
2	Field work	15
Total		20

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.

