



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

COURSE TITLE: ORGANIC FARMING: PROCESSES AND  
CERTIFICATION (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	:	ORGANIC FARMING :PROCESSES AND CERTIFICATION (PRACTICAL)
Course Code	:	B110SAP
Name of the Vertical in adherence to NEP 2020	:	Major and Minor
Eligibility for Admission	:	Any 12 <sup>th</sup> 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: Organic Farming: Processes and Certification (Practical)**

**No. of Credits - 02**

**Type of Vertical: Major and Minor**

**COURSE CODE: B110SAP**

**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	Remember the basics of principles and practices of organic farming
CLO-02	Understand	Understand the procedures in nutrient management practices for better soil health and soil fertility
CLO-03	Apply	Apply knowledge to minimize environmental damage by chemical pesticides and promote more usage of natural pesticides
CLO-04	Analyze	Analyze the soil and ensure right soil cultivation techniques at right time
CLO-05	Evaluate	Evaluate certification process to ensure that product you are producing is of a high quality or not.
CLO-06	Create	Create ability to educate farmers, agricultural professionals, and general public about certification process

## Syllabus for First Year of Bachelor of Vocation in SA

(With effect from the academic year 2024-2025)

**SEMESTER-II**

**Paper No.–**

**Course Title: Organic Farming: Processes and Certification (Practical)**

**No. of Credits - 02**

**Type of Vertical: Major and Minor**

**COURSE CODE: B110SAP**

<b>COURSE CONTENT</b>			
<b>Module No.</b>	<b>Content</b>	<b>Credits</b>	<b>No. of Lectures</b>
1	<b>Basic Practical :</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Study on Biodiversity in Organic Farming</li> <li><input type="checkbox"/> Study of Crop planning and rotation design in organic system</li> <li><input type="checkbox"/> Plant protection through bio-agents and traps.</li> <li><input type="checkbox"/> Plant protection using pheromones.</li> <li><input type="checkbox"/> Organic food labeling and certification</li> <li><input type="checkbox"/> Organic market analysis</li> </ul>	01	30
2	<b>Field Practical:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Visit to organic farm</li> <li><input type="checkbox"/> Organic Certification process and Documentation</li> <li><input type="checkbox"/> Visit to Group farming plot</li> <li><input type="checkbox"/> Organic farm to table experience</li> <li><input type="checkbox"/> Organic Pesticide preparation</li> <li><input type="checkbox"/> Organic Herbicide preparation</li> </ul>	01	30
	<b>Total</b>	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 (BFS) 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
<b>Total</b>			<b>30</b>

#### Internal evaluation (20 Marks)

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

### 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.