



Maratha Vidya Prasarak Samaj's
KARMAVEER SHANTARAMBAPU KONDAJI WAVARE
ARTS, SCIENCE AND COMMERCE COLLEGE, CIDCO

Uttamnagar, Nashik- 422 008 (Maharashtra)

Principal

Affiliated to Savitribai Phule Pune University Id. No. PU/NS/ASC/047/1993
 AISHE C-42086 NAAC Re-accredited 'A' Grade (III Cycle 2017-22, CGPA 3.20)
 Best College Award of Savitribai Phule Pune University Pune in 2009-10 and 2021-22

Prof. (Dr) S. K. Kushare
 M.Sc., Ph. D.

Programme Outcome (PO's), Programme Specific Outcome (PSO's), Course Outcome (CO's)

B.Voc. Diploma. Sustainable Agriculture

Syllabus: 2019 Pattern

Sr. No.	Name of the Programme	Year of introduction of programme	Duration of introduction of Programme
	Diploma in Sustainable Agriculture	2020-21	1 Year

Programme Specific Outcome (Diploma in Sustainable Agriculture)

Sr. No.	Programme Specific Outcome (Diploma in Sustainable Agriculture)
PSO 1	Students will be able to define and explain major concepts in the Agro sciences.
PSO 2	Student will be able to correctly use Soil and water testing instruments and proper laboratory techniques.
PSO 3	Students will be able to communicate knowledge about farming in oral and written form.
PSO 4	Students will be able to explain and apply the scientific method including designing and conducting experiments and Soil and water analysis.
PSO 5	Student will be able to recognize the relationship between structure and function at all levels: chemical & physical property of water and soil.

Course Outcomes

Class	Subject Code	Title	Cos: After successful completion of this course, student will be able to
Diploma in Sustainable Agriculture (SEM I)	BVDSUA111G (Theory)	Personality development and Computer Fundamentals	CO 1: The Student will be able to understand, analyze develop and exhibit accurate sense of self.

Class	Subject Code	Title	Cos: After successful completion of this course, student will be able to
			<p>CO 2: The Student can not only learn new skills and knowledge but also learn about self-development, about others, and about the world and humanity.</p> <p>CO 3: After successfully completing this course, a student will be able to acquire skills of basic computer terminology.</p> <p>CO 4: The main objective of this course is to introduce the fundamentals of computing devices particularly with respect to personal use of computer hardware and software, the Internet, networking and mobile computing.</p>
	BVDSUA112G (Theory)	Fundamentals of Agronomy	<p>CO 1: Students conquer the deep knowledge in this field are concerned with enhancing grain and seed nutrition, as well as increasing the amount and quality of food</p> <p>CO 2: Students got Clear idea about research in crop rotation, irrigation and drainage, plant breeding, soil classification, soil fertility, weed control, and other areas.</p> <p>CO 3: Students will be able to define and explain major concepts in the Agro sciences</p>
	BVDSUA113G (Theory)	Fundamentals of Horticulture	<p>CO 1: Students developed their skills of plant propagation and cultivation with the aim of improving plant growth, yields, quality, nutritional value, and resistance to insects, diseases and environmental stresses</p> <p>CO 2: Students will got knowledge about production and productivity of fruits, vegetable, spices, Medicinal and floriculture crops</p> <p>CO 3: Students got Clear idea about Preharvesting and Propagation of Horticultural Plants</p> <p>CO 4: Students conquer the deep knowledge about different types of</p>

Class	Subject Code	Title	Cos: After successful completion of this course, student will be able to
			nursery beds
	BVDSUA111S (Practical)	Personality development and Computer Fundamentals	<p>CO 1: The aim of the subject is to bring out personality development with regard to the different behavioral dimensions that have far reaching significance in the direction of organizational effectiveness</p> <p>CO 2: Students will have command on basic IT skills to use computer and internet facilities for their academic and holistic development purpose.</p> <p>CO 3: Awareness in the participants with regard to the different aspects of interpersonal relations based on the ideas envisaged in Transactional Analysis and their relative significance in the context of the functional effectiveness of organizations.</p>
	BVDSUA112S (Practical)	Fundamentals of Agronomy	<p>CO 1: Students can develop methods that will improve the use of soil and increase the production of food and fiber crops.</p> <p>CO 2: Awareness in the participants about Crop Production Technology</p> <p>CO 3: The Student will be able to understand, types and systems of farming system and factors affecting types of farming, Farming system components and their maintenance</p>
	BVDSUA113S (Practical)	Fundamentals of Horticulture	<p>CO 1: Students conquer the deep knowledge about Identification of garden tools And Identification of horticultural crops</p> <p>CO 2 Awareness in the participants with regard pruning of Ornamental plants as well as Planning and layout of garden</p> <p>CO 3: The Student will be able to understand Layout and planting of orchard plants</p>

Class	Subject Code	Title	Cos: After successful completion of this course, student will be able to
Diploma in Sustainable Agriculture (SEM II)	BVDSUA121G (Theory)	Fundamentals of organic Farming	CO 1: Students conquer the deep knowledge about efficient crop and soil management options for organic Farming
			CO 2: Awareness in the participants with regard to evaluation of organic, inorganic and integrated Production systems for crops and cropping systems
			CO 3: The Student will be able to understand development of Integrated Organic Farming System model
	BVDSUA122G (Theory)	Fundamentals of soil and water Science	CO 1: The Student will be able to acquire knowledge on the importance of soil to agriculture
			CO 2: Awareness in the participants with regard to soil water plant relationship and its importance, stating the various aspects of soil science and substantiating through laboratory experiments.
			CO 3: The Student will be able to understand various techniques to mitigate soil pollution
	BVDSUA123G (Theory)	Fundamentals of Plant Breeding and Seed technology	CO 1: Students conquer the deep knowledge about seed processing and seed storage techniques
			CO 2: Awareness in the participants with regard to the norms of seed marketing in India
			CO 3: The Student will be able to understand design of crop specific breeding methodology
	BVDSUA121S	Fundamentals of organic Farming	CO 1: Students developed their skills of plant propagation and cultivation with the aim of improving plant growth, yields, quality, nutritional value, and resistance to

Class	Subject Code	Title	Cos: After successful completion of this course, student will be able to
	(Practical)		<p>insects, diseases and environmental stresses</p> <p>CO 2: Students will get knowledge about Insect, pest disease and weed management</p> <p>CO 3: Students get Clear idea about bio-fertilizers/bio-inoculants and their quality analysis. Indigenous technology knowledge (ITK) for nutrient</p>
	BVDSUA122S (Practical)	Fundamentals of soil and water Science	<p>CO 1: Students can develop their skills regarding analysis of soil and water</p> <p>CO 2: Awareness in the participants about Sampling and monitoring of irrigation water</p> <p>CO 3: The Student will be able to understand Laboratory analysis of irrigation water and soil</p>
	BVDSUA123S (Practical)	Fundamentals of Plant Breeding and Seed technology	<p>CO 1: Students developed their skills of Designing and their analysis in plant breeding experiments</p> <p>CO 2: Students will get knowledge about Seed production in important vegetable crops</p> <p>CO 3: Students get Clear idea about floral structure of self-pollinated and cross-pollinated crops.</p>


Coordinator


IQAC Coordinator




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