KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with 'A+' Grade (4th Cycle)
College of Excellence (UGC) Coimbatore – 641 029

DEPARTMENT OF BOTANY

COURSE OUTCOMES (CO)

Certificate Course in Eco Farming Techniques

For the students admitted
in the Academic Year 2023-2024

Programme Code: 05	CERTIFICATE COURSE – Eco farming Techniques		
C.P. 1. INTRODUCTION TO ECO FARMING TECHNIQUES			
Batch 2023-2024	Hours / Week 2	Total Hours 30	Credits 2

COURSE OBJECTIVES

- To discern the basic necessity of organic farming.
- To develop skills in organic manuring of agricultural soil.
- To inherit in build knowledge on safe and healthy self-utilization, self-employment and entrepreneurial skills

COURSE OUTCOMES

On successful completion of the course, the students will be able to

K1 ↕ K5	CO1	Know about preliminary techniques of farming practices.
	CO2	Understand the necessary ecological skills to maintain the fertile soil.
	CO3	Acquire knowledge on preparation of organic fertilizers and their varied applications
	CO4	Investigations on acquired techniques to achieve safe environment and to acquire healthy life.
	CO5	Implement the acquired knowledge on organic cultivation and marketing.

Programme Code: 05	CERTIFICATE COURSE – Eco farming Techniques		
C.P. 2. ORGANIC HORTICULTURE TECHNIQUES			
Batch 2023-2024	Hours / Week 2	Total Hours 30	Credits 2

COURSE OBJECTIVES

- To recognize the importance of organic horticulture
- To develop skills in quality enhancement of horticultural products
- To configure knowledge on self- employment and entrepreneurial skills

COURSE OUTCOMES

On successful completion of the course, the students will be able to

K1 ↕ K5	CO1	Understand preliminary techniques on horticultural practices
	CO2	Disseminate knowledge on necessary techniques to maintain the quality of fresh products
	CO3	Acquire knowledge on Propagation techniques, preparation of organic fertilizers and their application
	CO4	Analyses various schemes to accomplish ecofriendly agricultural approach
	CO5	Application of acquired knowledge on horticultural organic cultivation practices and marketing

Programme Code: 05	CERTIFICATE COURSE – ECO FARMING TECHNIQUES			
CORE PRACTICAL 1: ECO FARMING TECHNIQUES				
Batch 2023-2024	Semester I	Hours / Week 2	Total Hours 30	Credits 2

COURSE OBJECTIVES

➢ To equip knowledge on the preparation of organic nutrients
➢ To imbibe knowledge on less toxic farming practices.
➢ To prepare quality products of high marketing value.

COURSE OUTCOMES

On successful completion of the course, the students will be able to

K3	CO1	Understand the concept of organic farming to conserve environment through ecologically balanced techniques
	CO2	Investigate the barriers of organic farming and horticulture.
	CO3	Implement the acquired knowledge on commercial applications of organic farming
	CO4	Implantation of healthy practices in kitchen garden and other horticultural practices
K5	CO5	Inculcate inherent knowledge on preparations of organic fertilizers using various appropriate procedures

Programme Code: 05	CERTIFICATE COURSE – ECOFARMING TECHNOLOGY			
CASE STUDY ANALYSIS				
Batch 2023-2024	Semester I	Hours / Week 2	Total Hours 30	Credits 2

COURSE OBJECTIVES

❖ To find opportunities and actions to increase the demand of organic farming
❖ To recommend management policies on the basis of opinion of farmers and other local stakeholders
❖ To know critical thinking and problem solving skills in agricultural farming

COURSE OUTCOME

On successful completion of the project work, the students will be able to

K3	CO1	To understand the current event issues that are occurring in agriculture
	CO2	To documents the challenges faced during organic farming
	CO3	To Gain knowledge on self – identify towards farming behaviour
	CO4	To acquire knowledge on Ancient Traditional practices and its relevant to modern agricultural practices
K5	CO5	Recognize and examine the relationships between inputs and outputs of farming