



## INFORMATION BROCHURE

# National Workshop on Food Security through

## Hi- Tech Horticulture in Kerala

on

28/2/2019

at

Hi-Tech Research and Training Unit, IF, Vellanikkara



Course Director: Dr.P.Suseela, Professor, Hi-Tech Research and Training Unit, Kerala Agricultural University

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## Introduction

Today, the world scenario is changing from plentiful to limited resources and at the same time density of population is increasing at a faster rate. Availability of limited resources, scarce and inadequate man power, growing population, increasing pollution, climate change and associated aspects are to be tackled to achieve food security to public and sustainable income to farming community. Hence we need a technology, which can improve continuously the productivity, profitability, and sustainability of our major farming systems. Emerging era of Hi-tech Horticulture is becoming a boon to enhance the quantity and quality of production. Hi-tech cultivation of fruits, vegetables and flowers is nothing but timely application of all the basic inputs of production in a controlled environment called greenhouse (protected structure).

Open precision farming, polyhouse farming, hydroponics, aquaponics, aeroponics, vertical farming, integrated farming are the new fields in Agriculture that are more remunerative and utilizing the modern techniques which are very essential for maximizing the production per unit area of land with unit quantity of water. The level of awareness is the important factor for the adoption of hi-tech horticulture by the farmers.

Today, all these technologies have been established as different branch of Agriculture. Progress has been rapid and results obtained in various countries have proved that these technologies are thoroughly practical and have very definite advantages over conventional methods of crop production. The two main advantages of the virtually soil-less cultivation of plants are the much higher crop yields and can be used in places where in-ground agriculture or gardening is not possible.

## Objectives

The main objective of Workshop is to provide technical knowledge to the selected extension officers- progressive farmers- students of India who are interested in the field of Hi-tech farming like polyhouse farming, aquaponics, hydroponics, open precision farming, hi-tech poly kitchen garden, vertical farming, multi-tier grow bag, multi-tier grow bag with composting facility etc

**Last Date of Registration: 25/01/2019**

**Confirmation Date :26/01/2019**

**Registration can be done through mob. No. 7025498850**

**Please furnish the Name and Phone number of the candidates for registration**

**Candidates have to reach the venue at 9.30am on 28-02-19**